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ABSTRACT

This report presents information on the early career outcomes of college graduates, compiled from data received from 33 public and independent two-year and four-year colleges and universities in Michigan. The first section of the report presents statistical summaries for all degree levels; the second section covers statistics for minorities; and the last section covers teacher certificate graduates. College programs with high employment rates are listed, and yearly average starting salaries for all majors are reported. Findings of the study include: (1) approximately 12 percent of the bachelor's graduates were still unemployed 6 months after graduation; (2) the majority of graduates from the 1990-91 class found employment in Michigan; (3) of minority graduates, 61 percent were working full time, 16 percent were unemployed, 19 percent had continued their education, and 11 percent were working part time or were temporarily out of the work force; and (4) of graduates who received teaching certificates, 52 percent were working full time, a decrease of 4 percent from the previous year. Eleven tables present detailed statistical data. (JDD)

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EMPLOYMENT SURVEY OF MICHIGAN COLLEGE GRADUATES: Report of Destinations, Average Starting Salaries, and Unemployment

1990-91

**(All Degree Levels, Minority and
Teacher Certified Graduates)**

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April, 1993

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Alpena Community College
Baker College
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Lake Michigan Community College
Lansing Community College
Monroe Community College
Montcalm Community College
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Michigan 1990-91 Report of Destinations presents information on the early career outcomes of college graduates at all degree levels, plus minority and teacher certificated graduates. The information in this report has been compiled from data received from 33 public and independent two-and four-year colleges and universities in Michigan.

Reporting institutions accounted for about the same number of graduates, based upon the total degrees conferred by degree level, as last year. However, the number of graduates providing information (responding to their institution's follow-up surveys) actually dropped, particularly for bachelor's and master's degree recipients. Thus, early destination information was available on fewer graduates (approximately 1,200 bachelor's degree recipients) than in 1989-90.

Lower response rates (a 10 percent decrease) can be attributed to the poor labor market that these graduates faced. The longer time required to find a job resulted in an increased number of graduates being unemployed at the time of many institutions' surveys--usually about six months after graduation. Unemployment and uncertainty about future plans are known to depress response rates. Throughout this report, readers should use caution when interpreting results because of possible sample size restrictions.

This report contains three sections. The first section presents the statistical summaries for all degree levels. Compiled statistics for minorities are located in the second section. The last section covers teacher certificate graduates.

ALL GRADUATES

Institutions supplying data for this report accounted for approximately 26 percent, 63 percent, 44 percent, and 41 percent of associate's, bachelor's, master's and doctoral degrees, respectively, conferred in the 1990-91 academic year. As the summary table indicates, the number of graduates responding to their institution's follow-up inquiries ranged from 18 percent at the associate level to 32 percent at the bachelor's. The response rate among reporting institutions hovered around 50 percent with the exception of the associate's level.

Degree	Total Degrees Conferred	Number of Grads Reported	Number of Grads Responding	Reported Grads as a % of Conferred	Responding Grads as a % of Conferred	Responding Grads as a % of Reported
Certificate	NA	NA	673	NA	NA	NA
Associate's	21,731	5,708	4,043	26	18	70
Bachelor's	44,253	28,073	14,215	63	32	50
Master's	14,172	6,254	2,807	44	19	44
Doctoral/ Professional	4,004	1,643	629	41	15	38

Tables 2, 4, 6, and 8 compare data on degrees conferred (information provided by the State of Michigan) with aggregated figures from participating institutions. For each degree level, major classification of instructional programs (CIP) or curriculum groups are listed. In a few cases, State figures exceeded reported numbers. These discrepancies appear to result from changes in CIP classifications and accounting problems.

Curriculum areas providing the best responses (respondents as a percentage of degrees conferred) include communications technology, engineering, and agriculture at the bachelor's level; agriculture, home economics, and liberal studies at the master's level; and communications at the doctoral level.

EARLY DESTINATIONS

After completing their degrees, graduates can either be employed full-time, pursuing further education, or seeking employment. These three categories captured the majority of graduates as reported in Tables 1, 3, 5, 7, and 9. If the three categories (employed full-time, unemployed, and school) in any row do not total 100 percent, the remaining graduates have been placed in an "other" category. The "other" group consists of foreign students who returned to their home countries, individuals who were unemployed but not seeking work or working part-time.

Summarizing from the degree level tables, more than 60 percent of all reported graduates were working full-time. The exception was for associate degree's where a higher percentage of graduates were continuing their education, 32 percent, than the other groups. The percentage of bachelor's graduates continuing their education rose noticeably, an increase of five percent from 1989-90.

Approximately 12 percent of the bachelor's graduates were still unemployed some six months after graduation: an increase of four percent from 1989-90. Master's graduates who were unemployed also rose slightly from five percent in 1989-90 to seven percent in 1990-91.

Degree	% Working Full-Time	% Continuing Education	% Unemployed	% Other
Certificate	74	10	5	9
Associate's	55	32	5	5
Bachelor's	67	16	12	6
Master's	80	10	7	5
Doctoral/Professional	91	6	3	1

FULL-TIME EMPLOYMENT

The number of graduates engaged in full-time employment can vary widely within a major CIP category. Programs with high employment rates (generally greater than 75 percent) have been identified. To insure that these programs are representative, only programs with 50 or more graduates (ten for the Doctoral level) have been included in the following list. It should be noted that many advanced degree recipients were working while they earned their degrees (i.e. teachers) and simply continued their employment after graduation.

Full-Time Employment CIP with 75 Percent Employed

Associate's:

Management Science, Accounting and Computing, Executive Secretarial, Industrial Technology, Dental Hygiene, Radiograph Medical Technology, and Nursing.

Bachelor's:

Packaging, Accounting, Banking and Financing, Business Administration, Material Management and Purchasing, Institutional Management, Management Information Systems, Management Science, Marketing Management, Trade and Industrial Management, Office Supervision, Sales, Business Marketing, Telecommunication, Computer and Information Sciences, Special Education, Engineering (General), Industrial Production, Automotive Technology, Physical Therapy, Nursing, Pharmacy, Textiles and Clothing (Retail), Fine Arts Studies, and Parks and Recreation Management.

Masters:

Business Administration, Labor and Industrial Relations, MBA (Non-Technical), MBA (Technical), Marketing, Advertising, Computer and Information Science, Education (General), Curriculum and Instruction, Elementary and Secondary Education Administration, Special Education, Student Counseling, Elementary Education, Pre-Elementary Education, Health Education, English Second Language, Electrical Engineering, Mechanical Engineering, Nursing, and Social Work.

Doctoral:

Education Administration, Higher Education Administration, Electrical Engineering, Mechanical Engineering, Human Medicine, Optometry, Osteopathic Medicine, Veterinary Medicine, Law, Chemistry, Physics, Psychology, and History.

UNEMPLOYMENT

When graduates were still seeking employment at the time their institutions administered their surveys, the graduates were classified as unemployed. Depending on the survey strategies used by participating institutions, this category best reflects those graduates who had not received job offers by six months after graduation.

The small number of responses for many academic majors can result in programs with high unemployment rates. The rates may be misleading and not be representative of all graduates in that curriculum. Focusing on programs with large number of graduates, unemployment appeared to be more of a problem for bachelor's recipients than other degree levels, while some programs reported full-time employment rates above 75 percent. Remaining graduates could have difficulty finding employment. Bachelor's programs with more than 50 graduates that reported unemployment above the average of 12 percent included:

Accounting, Banking and Finance, Business Administration, Material Management and Purchasing, Human Resource Development, Office Supervision, Business Marketing, Sales, Communications, Advertising, Journalism, Public Relations, Telecommunications, Computer and Information Science, Elementary and Secondary Administration, Social Science Education, Aerospace Engineering, Civil Engineering, Electrical Engineering, Industrial Production, Spanish, Textile and Clothing (Retail), Humanities and Social Science, Correctional Administration, Criminal Justice, Law Enforcement, Public Administration, Social Work, and Social Science.

EMPLOYMENT LOCATION

Where do graduate find work? Do they leave Michigan? An educated work force is an important factor for a strong economy. The majority of graduates from the 1990-91 class found employment in Michigan--above 75 percent. More associate and bachelor's degree recipients remained in the state than in 1989-90. The only noticeable changes was among the doctoral/professional where about five percent more than in the previous year left the State. The destinations of some graduates, particularly certificate and associate graduates were not known.

Degree	% Employed in Michigan	% Employed Outside Michigan	% Not Known
Certificate	84	0	15
Associate's	87	2	10
Bachelor's	77	17	5
Master's	86	7	5
Doctoral/ Professional	77	20	1

STARTING SALARIES

Yearly average starting salaries for all majors are reported in Tables 1, 3, 5, 7 and 9. A summary of average starting salaries for major CIP codes are presented on the next page. Because of the small number of salaries reported in some curriculum areas and different levels of work experience prior to graduation, care needs to be exercised when generalizing from these figures, particularly for certificates, masters, and doctoral programs. Life-long education graduates, many who are employed while attending school, can be found in the general liberal studies category. It should also be noted that salary figures have not been adjusted for less than full-time employment, start-up time for private consulting practices or businesses, nor internships or short-term training programs required by some companies before being placed on full-time status.

When comparing degree level averages between 1989-90 and 1990-91, slight declines were observed for associate's and bachelor's graduates; master's graduates increased slightly; and doctoral graduates saw improvement of approximately 7 percent. One curriculum area that experienced a major shift in salaries was engineering and related technologies. Average salaries decreased from \$32,341 in 1989-90 to \$27,567 at the bachelor's level (a decline of \$4,774); at the master's level, the decrease was nearly \$9,000.

Salaries reported in this document account for individuals who entered the workforce immediately after graduation. Programs, such as dietetics, which require a fifth year or a residency to be certified to practice in the field, may not have representative salary information. The salaries reported for these programs may not reflect the salaries commanded at the completion of the accreditation program.

AVERAGE STARTING SALARIES

CIP Group	Curriculum Area	\$ Certificate	\$ Associates	\$ Bachelors	\$ Masters	\$ Doctoral
1,2,3	Agri Bus/Agri Sci/Nat Res	---	16,203	25,849	33,997	34,057
4	Architecture	---	12,324	21,319	27,633	---
5	Area and Ethnic Studies	---	---	21,679	26,004	---
6,7,8	Business/Office Marketing	15,948	17,129	24,196	42,326	58,340
9,10	Communications/Comm Tech	---	13,118	20,930	28,663	32,004
11	Computer Science	13,200	18,356	27,885	42,170	48,000
12	Cosmetology/ Manicuring		15,360	---	---	---
13	Education		10,838	22,448	33,071	43,519
14,15	Engineering/Related Tech	17,769	21,393	27,567	39,922	53,302
16	Foreign Language	20,492	13,138	22,266	27,000	30,444
17,18	Health Science	17,146	23,220	30,257	37,919	27,381
19,20	Home Economics/Vocational	13,370	12,608	20,149	27,071	39,996
21	Industrial Arts	---	---	25,260	---	---
22	Law	18,432	15,185	23,965	90,000	40,309
23	Letters	---	---	18,856	29,963	34,475
24	Liberal Studies *	---	16,391	31,999	---	---
25	Library & Archival Sciences	---	---	---	25,901	---
26	Life Sciences	---	18,524	22,105	24,399	33,398
27	Mathematics	24,072	---	24,396	34,441	37,998
30	Interdisciplinary Studies	---	19,200	21,487	24,336	---
31	Parks & Recreation	---	---	19,211	24,000	---
34	Health Related Activities	---	---	---	---	---
35	Interpersonal Skills	24,996	---	---	24,228	---
36	Leisure & Recreational	---	16,668	---	---	---
37	Personal Awareness	---	---	---	---	---
38,39	Philosophy/Religion & Theology	---	---	16,871	---	---
40	Physical Sciences	---	9,005	28,790	32,302	43,037
41	Science Technology	---	---	---	---	---
42	Psychology	---	23,200	18,533	30,333	36,098
43,44	Protective Svs & Public Affairs	18,550	16,664	21,519	27,320	---
45	Social Sciences	---	17,280	21,628	31,087	34,277
46	Trade and Industrial	15,055	13,882	---	---	---
47,48	Trade & Industrial Tech	20,258	18,249	---	---	---
49	Transportation	---	18,931	12,000	---	---
50	Visual & Performing Arts	---	14,400	17,172	27,477	26,004
	AVERAGES	17,740	18,729	24,786	35,239	37,764

*Contains Life Long Education Graduates

MINORITY GRADUATES

The institutions that provided statistics on minority graduates reported a total of 1,010 minority students graduated in 1990-91. This represented 32 percent of the total minority degrees conferred in this academic year, according to data compiled by the post-secondary information unit of the Michigan Department of Education (see Degree Completions for Michigan Colleges and Universities, 1991). Of those students reported, 251 completed follow-up queries from their institutions. While this represented a 25 percent response rate, this group only comprised 9 percent of the total graduating population of minority graduates overall. These figures are considerably lower than numbers reported in previous years.

The following table presents a summary of the minority statistics grouped by major CIP group. Approximately 61 percent were working full-time, 16 percent were unemployed some six months after graduation, 19 percent had continued their education, and 11 percent were either working part-time or temporarily out of the work force ("Percent Other"). Slightly more than 83 percent of the graduates remained in Michigan to work; this was an increase of 16 percent from 1989-90, returning this figure to 1988-89 levels. Also, if one considers only those fields where unemployment was reported, the average unemployment rate was 14 percent.

Differences appeared among some CIP groups. Looking at groups with large numbers of respondents reporting information, agriculture, engineering, and health sciences enjoyed higher than average full-time employment rates. Unemployment was noticeably higher in fields such as business, home economics, communications, psychology, and protective services.

The average starting salary was \$27,618 for minority bachelor's degree graduates. This average was based on salary data provided by only 103 graduates or 41 percent of respondents. However, the reporting population only represents 5 percent of the total minority graduating population. If comparisons for curriculum areas are made between 1988-89, 1989-90, and 1990-91, some wide fluctuations are observed. For example, education salaries were dropped several thousand dollars between the three years. These shifts do not necessarily portend short term trends. Rather these figures captured fluctuations between small, dissimilar populations. Caution needs to be exercised when interpreting these figures, particularly for academic programs where only a small number of graduates have reported information.

**EARLY CAREER OUTCOMES
OF MINORITY BACHELOR'S GRADUATES**

CIP Group	Curriculum Area	Percent Employed Full-Time %	Percent Working In Michigan %	Percent In School %	Percent Unemployed %	Percent Other %	Average Starting Salary \$
1,2,3	Agriculture	72	81	18	9	-	27,872
4	Architecture	100	0	-	-	-	15,996
6,7,8	Business	69	76	6	20	2	28,991
9,10	Communications	58	85	16	25	7	22,608
11	Computer Science	100	0	-	-	-	-
13	Education	57	75	0	42	-	14,250
14,15	Engineering	71	93	21	6	-	33,022
16	Foreign Language	-	-	-	100	-	-
17,18	Health Science	80	100	20	-	-	30,020
19,20	Home Economics	71	50	-	28	-	21,992
21	Industrial Arts	100	100	-	-	-	27,000
22	Pre-Law	71	100	14	14	-	28,701
23	Letters	66	100	22	11	-	22,000
26	Life Sciences	40	100	53	6	-	26,724
30	Interdisciplinary	20	0	60	20	-	-
40	Physical Science	33	100	66	-	-	-
42	Psychology	50	0	50	-	-	23,700
43,44	Protective Services	28	100	28	32	4	23,143
45	Social Sciences	50	75	25	25	-	30,000
50	Visual Arts	50	100	-	50	-	-
AVERAGE		61	83	19	16	1	27,618

TEACHER CERTIFICATES

The reporting institutions accounted for 1,232 graduates who received teaching certificates in 1990-91 (a drop of 31 percent in the number reported from 1989-90). This total can be broken into two categories: 813 graduated in fields listed under CIP 13 (Education) and 419 from other curriculum areas. These latter graduates primarily received degrees in fields taught at the secondary level. In the 1991 degree completion report prepared by the Michigan Department of Education (Degree Completions for Michigan Colleges and Universities 1990, Postsecondary Information Unit), 3,419 students graduated in CIP 13. This report captured approximately 24 percent of these graduates. There is no available method to determine what proportion of the secondary level teaching certificates were counted in this report.

Approximately 52 percent of the respondents were working full-time. This was a decrease of 4 percent from the previous year. However, a significantly lower number of graduates were employed in education, 60%, than in the previous year where only 74% reported working in education.

The lower response rate and lower level of graduates involved in full-time employment reflects in part a poor education labor market. Because the job market has been tight for starting teachers, many new teachers found themselves working part-time as substitute teachers. Approximately 24 percent of those reporting in 1990-91 indicated they were working part-time (other, as defined for the degree level tables, is not used in this section. If the total percentage of those working full-time, unemployed, school, and part-time fails to total 100, the difference can be attributed to students not seeking employment or returning to their home country. Rounding also needs to be considered). The number of part-time workers remained about the same as compared to the previous year. The evidence strongly suggests that a significant number of new teachers were initially only working in a substitute capacity.

Nearly 86 percent of those working full-time were residing in Michigan. This rate is slightly higher than all bachelor's degree recipients (77 percent). Knowing that Michigan's labor market has been very tight, the high percentage finding Michigan jobs is encouraging. Again the low response to the surveys suggest that many teacher certificate graduates are still looking for employment, probably within the state. Even outside the state, teaching opportunities have been restricted as many states, in areas where Michigan graduates often look for openings, have faced tightening fiscal conditions. Starting salaries averaged \$22,007, generally ranging from \$18,000 to \$27,000. This year's average was slightly higher than the 1989-90 average of \$21,007.

Some caution should be taken when using these salary figures. Even though 90 percent of those working full-time reported salaries, the low number of observations make it difficult to generalize to the total population. For majors with a large number of observation, i.e. elementary education, the starting salary figures may be more representative.

The following table highlights the outcomes for selected teacher education programs (approximately 50 graduates reported). Graduates from special education reported the highest rates of full-time employment and the lowest rates in part-time employment and unemployment. The lowest full-time employment rates were reported by physical education, general science, social science, elementary education, and biology graduates.

For those working full-time, the percentage actually employed in education varied widely. Some majors, such as special education and child development, have alternative career paths outside of school systems. While there may be a reluctance on the part of new graduates to leave Michigan, advisors should especially encourage new teacher education graduates to consider looking to other states for employment in other states. After gaining experience, these teachers may be more competitive for positions in Michigan.

EARLY OUTCOMES FOR SELECTED TEACHER PROGRAMS

	Percent Employed Full-Time %	Percent Not Working in Education %	Percent Working in Michigan %	Percent Unemployed %	Percent Employed Part-Time %	Average Starting Salary \$
Special Education, General	67	69	92	6	4	23,031
Emotionally Handicapped	88	0	91	11	0	22,332
Mentally Handicapped	72	10	83	20	8	21,337
Elementary Education	38	32	77	10	34	20,141
Business Education	53	43	95	9	34	22,473
Physical Education	48	53	72	6	35	21,823
Child Development	47	38	100	23	38	21,312
English	54	43	83	4	20	21,810
Biology	70	62	82	7	15	22,546
Mathematics	60	40	81	16	9	22,109
Humanities & Social Sciences	51	100	94	10	37	22,812
History	23	61	92	12	44	19,256
Total	52	40	86	10	24	

NOTES

1. Data contained in these follow-up reports vary from year to year depending on the mix of schools participating and the response rates each school obtained from their individual surveys. In some cases, an institution had several placement offices, all of which were not able to supply data to this report. From the University of Michigan, an institution with a decentralized placement function, the Engineering Placement and Career Planning and Placement offices provided data for this report. The latter office provided general career counseling to all students with the largest percentage from the School of Literature, Sciences and the Arts. Only students who used their services participated in the follow-up study. The figures supplied by these two offices from the University of Michigan only represent their clientele and may not be representative of students from the entire University.
2. Throughout this report, curriculum areas are listed by their classification of instructional programs (CIP) code that brings together similar programs based upon program purpose and program category. For further discussion see the Michigan Postsecondary Admissions and Financial Assistance Handbook, Michigan State Board of Education, 1985, pp. 164-66.

CERTIFICATE RECIPIENTS

TABLE 1
Placement Results for 1990-91 Certificate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location			Percent Unemployed		Percent in School		Number Reporting	Average Salaries
			Full Time	Full Time	Michigan	Other	Unknown	Unemployed	In School	Other						
Business/Office Marketing																
6.0201	Accounting	3	2	66%	100%	0%	0%	0%	33%	0%	2	\$13,524				
6.0401	Business Admin. and Management, Gen	5	4	80%	100%	0%	0%	20%	0%	0%	3	\$19,200				
6.1701	Real Estate	9	8	88%	100%	0%	0%	0%	0%	11%	5	\$18,816				
7.0101	Accounting and Bookkeeping	2	0	0%	0%	0%	0%	0%	100%	0%	0	\$0				
7.0102	Accounting and Computing	9	4	44%	100%	0%	0%	22%	11%	22%	3	\$16,954				
7.0103	Bookkeeping	4	1	25%	100%	0%	0%	50%	0%	25%	1	\$10,464				
7.0201	Banking and Financial Programs	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$19,200				
7.0302	Business Computer Console Operate	8	8	100%	100%	0%	0%	0%	0%	0%	6	\$18,240				
7.0399	Business Data Processing, Other	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$18,240				
7.0401	Office Supervision and Management	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0				
7.0605	Medical Secretary	4	2	50%	100%	0%	0%	0%	25%	25%	1	\$10,920				
7.0606	Secretarial	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0				
7.0607	Stenography	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0				
7.0608	Word Processing	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$15,996				
7.0699	Secretary and Related Programs	1	0	0%	0%	0%	0%	0%	0%	100%	0	\$0				
7.0702	Clerk-Typist	6	1	16%	100%	0%	0%	16%	66%	0%	0	\$0				
7.0705	General Office Clerk	11	10	90%	30%	0%	70%	0%	9%	0%	5	\$17,998				
7.0707	Receptionist and Community Systems	3	3	100%	0%	0%	100%	0%	0%	0%	1	\$14,556				
7.0799	Secretary Programs, Other	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$17,004				
7.0801	Information Processing	12	7	58%	42%	0%	57%	8%	8%	25%	5	\$15,809				
8.0799	General Marketing	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$12,480				
8.1105	Travel Service Marketing	16	8	50%	100%	0%	0%	18%	0%	31%	9	\$11,597				
Totals		102	66	64%	77%	0%	22%	9%	11%	13%	47	\$15,948				
Computer Science																
11.0301	Data Processing	5	2	40%	100%	0%	0%	0%	60%	0%	2	\$13,200				
Totals		5	2	40%	100%	0%	0%	0%	60%	0%	2	\$13,200				
Consumer, Personal, and Miscellaneous																
12.0403	Cosmetology	6	1	16%	100%	0%	0%	16%	0%	66%	0	\$0				
Totals		6	1	16%	100%	0%	0%	16%	0%	66%	0	\$0				
Engineering/Related Technology																
15.0202	Drafting and Design Technology	8	3	37%	66%	33%	0%	12%	25%	25%	1	\$16,752				
15.0303	Electronic Technology	7	6	85%	83%	0%	16%	14%	0%	0%	3	\$20,040				
15.0399	Electrical/Electronic Techn., Other	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0				
15.0603	Industrial Technology	4	2	50%	50%	0%	50%	0%	50%	0%	1	\$19,200				
15.0610	Welding Technology	3	3	100%	66%	0%	33%	0%	0%	0%	2	\$18,240				
15.0803	Automotive Technology	2	2	100%	100%	0%	0%	0%	0%	0%	1	\$9,600				
Totals		25	16	64%	75%	6%	18%	8%	20%	8%	8	\$17,769				

Placement Results for 1990-91 Certificate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location			Percent Un-Employed		Percent in School		Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown	Un-	Employed	In School	Other					
Foreign Language																
15.0101	Foreign Languages, Multiple Emphasis	4	4	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	2	\$18,240	
16.0905	Spanish	1	1	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	1	\$24,996	
Totals		5	5	100%	80%	0%	20%	0%	0%	0%	0%	0%	0%	3	\$20,492	
Health Science																
17.0101	Dental Assisting	5	3	60%	100%	0%	0%	0%	20%	20%	3	\$14,216				
17.0205	Emergency Medical/Ambulance	4	4	100%	100%	0%	0%	0%	0%	0%	4	\$15,447				
17.0206	Emergency Medical/Paramedic	4	4	100%	100%	0%	0%	0%	0%	0%	4	\$17,045				
17.0210	Respiratory Therapy Technology	5	4	80%	25%	25%	50%	0%	20%	0%	2	\$21,594				
17.0211	Surgical Technology	9	8	88%	100%	0%	0%	0%	11%	0%	7	\$18,384				
17.0503	Medical Assisting	8	7	87%	100%	0%	0%	0%	0%	12%	8	\$12,338				
17.0602	Nursing Assistant	8	5	62%	80%	0%	20%	0%	25%	12%	7	\$11,021				
17.0605	Practical Nursing	108	73	67%	45%	0%	54%	1%	18%	12%	66	\$19,416				
17.0606	Hospital Service Management	2	1	50%	100%	0%	0%	50%	0%	0%	1	\$14,556				
17.9999	Allied Health (Other)	28	10	35%	100%	0%	0%	0%	7%	57%	22	\$14,079				
Totals		181	119	65%	63%	0%	36%	1%	14%	17%	124	\$17,146				
Home Economics/Vocational																
19.0705	Geriatric Services	6	5	83%	100%	0%	0%	16%	0%	0%	2	\$12,480				
20.0102	Child Development, Care & Guidance	2	1	50%	0%	0%	100%	50%	0%	0%	0	\$0				
20.0202	Child Care Aid/Assisting	5	4	80%	100%	0%	0%	20%	0%	0%	3	\$12,640				
20.0401	Food Production Management	2	1	50%	100%	0%	0%	0%	0%	50%	1	\$9,600				
20.0406	Food Services	1	3	300%	100%	0%	0%	0%	0%	100%	4	\$16,608				
20.9999	Vocational Home Economics	3	1	33%	100%	0%	0%	33%	33%	0%	1	\$8,160				
Totals		19	15	78%	93%	0%	6%	21%	5%	10%	11	\$13,370				
Law																
22.0103	Legal Assisting	7	5	71%	100%	0%	0%	14%	14%	0%	5	\$18,432				
Totals		7	5	71%	100%	0%	0%	14%	14%	0%	5	\$18,432				
Mathematics																
27.0101	Mathematics	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$24,072				
Totals		1	1	100%	0%	0%	100%	0%	0%	0%	1	\$24,072				

Placement Results for 1990-91 Certificate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number	Percent	Employment Location			Percent Un- employed	Percent in School	Number Reporting Other Salaries	Average Yearly Salaries
			Employed	Employed	Michigan	Other	Unknown				
Interdisciplinary Studies											
30.0101	Biological and Physical Sciences	1	0	0%	0%	0%	0%	0%	100%	0%	\$0
Totals		1	0	0%	0%	0%	0%	0%	100%	0%	\$0
Citizenship/Civic Activities											
35.0101	Interpersonal Skill, General	1	1	100%	0%	0%	100%	0%	0%	0%	\$24,996
Totals		1	1	100%	0%	0%	100%	0%	0%	0%	\$24,996
Protective Services and Public Affairs											
43.0102	Corrections	215	191	88%	98%	0%	1%	5%	3%	2%	\$18,711
43.0199	Criminal Justice, Other	7	5	71%	100%	0%	0%	14%	14%	0%	\$12,730
Totals		222	196	88%	98%	0%	1%	5%	4%	2%	\$18,550
Construction Trades											
46.0303	Lineworker	12	8	66%	100%	0%	0%	8%	25%	0%	\$14,419
46.0499	Miscellaneous Construction Trades	2	2	100%	100%	0%	0%	0%	0%	0%	\$17,280
Totals		14	10	71%	100%	0%	0%	7%	21%	0%	\$15,055
Trade and Industrial Technology											
47.0101	Electrical/Electronics Repair	2	1	50%	100%	0%	0%	0%	50%	0%	\$9,850
47.0201	Heating/Air Condition/Refrigeration	6	5	83%	100%	0%	0%	0%	16%	0%	\$15,360
47.0301	Industrial Equipment Maintenance	1	0	0%	0%	0%	0%	0%	100%	0%	\$0
47.0302	Heavy Equipment Maintenance	1	1	100%	0%	0%	100%	0%	0%	0%	\$0
47.0399	Industrial Equipment Repair, Other	2	2	100%	0%	0%	100%	0%	0%	0%	\$0
47.0603	Automotive Body Repair	9	7	77%	100%	0%	0%	22%	0%	0%	\$0
47.0604	Automotive Mechanic	5	2	40%	100%	0%	0%	0%	40%	20%	\$11,910
47.9999	Mechanics and Repairers	11	8	72%	100%	0%	0%	0%	0%	27%	\$34,332
48.0101	Drafting	11	11	100%	100%	0%	0%	0%	0%	0%	\$18,624
48.0206	Lithography/Photography/Platemaking	1	1	100%	100%	0%	0%	0%	0%	0%	\$0
48.0299	Graphic/Printing Comm., Other	2	1	50%	100%	0%	0%	0%	0%	50%	\$7,200
48.0577	Machine Tool Operation	6	6	100%	100%	0%	0%	0%	0%	0%	\$18,482
Totals		57	45	78%	93%	0%	6%	3%	8%	8%	\$20,258
Grand Totals		673	500	74%	84%	0%	15%	5%	10%	9%	\$17,740

ASSOCIATE'S GRADUATES

TABLE 2
Associates
Degrees Conferred Compared to Graduates Reported and Responding by
Participating Institutions for Major Curriculum Areas 1990-91

CIP	Curriculum Area	Total *	Total **	Total **		
		Degrees Conferred	Number of Grads Reported	Percent of Conferred	Number of Grads Responding	Percent of Conferred
1	Agribusiness	17	4	23%	2	11%
2	Agricultural Sciences	10	0	0%	0	0%
3	Renewable Natural Resources	9	30	>100%	17	>100%
4	Architecture	19	35	>100%	29	>100%
5	Area And Ethnic Studies	1	1	100%	0	0%
6	Business and Management	2121	862	40%	640	30%
7	Business and Office	2061	672	32%	515	24%
8	Marketing and Distribution	347	187	53%	134	38%
9	Communications	34	47	>100%	35	>100%
10	Communications Technology	81	69	85%	45	55%
11	Computer Science	398	119	29%	94	23%
12	Consumer, Personal, Misc. Serv	73	1	1%	1	100%
13	Education	728	161	22%	103	14%
14	Engineering	101	143	>100%	102	100%
15	Engineering Related Technology	1568	844	53%	641	40%
16	Foreign Language	11	9	81%	6	54%
17	Allied Health	1917	382	19%	281	14%
18	Health Sciences	1814	434	23%	314	17%
19	Home Economics	7	1	14%	1	14%
20	Vocational Home Economics	479	184	38%	133	27%
21	Industrial Arts	28	0	0%	0	0%
22	Law	253	73	28%	47	18%
23	Letters	9	8	88%	5	55%
24	Liberal Studies	6152	784	12%	485	7%
25	Library Sciences	7	0	0%	0	0%
26	Life Sciences	29	15	51%	8	27%
27	Mathematics	7	5	71%	2	28%
30	Interdisciplinary Studies	96	64	66%	59	61%
31	Parks and Recreation	12	0	0%	0	0%
34	Health Related Activities	0	2	0%	0	0%
36	Leisure/Recreational Activitie	0	13	0%	12	0%
38	Philosophy and Religion	1	1	100%	0	0%
39	Theology	0	0	0%	0	0%
40	Physical Sciences	205	9	4%	5	2%
41	Science Technology	57	0	0%	0	0%
42	Psychology	60	33	55%	22	36%
43	Protective Services	980	172	17%	99	10%
44	Public Affairs	73	54	73%	36	49%
45	Social Sciences	31	8	25%	4	12%
46	Construction Trades	314	16	5%	9	2%
47	Mechanics and Repairers	533	70	13%	31	5%
48	Precision Production	930	147	15%	85	9%
49	Transportation and Material Mo	68	13	19%	9	13%
50	Visual and Performing Arts	90	36	40%	32	35%
Totals/Averages		21731	5708	26%	4043	18%
70%						

* Data from Michigan Department of Education

** Data from institutions responding to this survey

TABLE 3

Placement Results for 1990-91 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed	Percent Employed	Employment Location			Percent Un-Employed	Percent in School	Percent Employed	Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown	Employed	School	Other		
Agribus/AgriSci/RenewNatRes												
1.0199	Agricultural Business Mgt. (Other)	2	0	0%	0%	0%	0%	0%	100%	0%	1	\$9,850
3.0101	Resource Development	7	2	28%	100%	0%	0%	28%	42%	0%	1	\$14,496
3.0501	Soil Sciences	10	8	80%	87%	0%	12%	0%	20%	20%	8	\$17,211
Totals		19	10	52%	90%	0%	10%	10%	36%	10%	10	\$16,203
Architecture												
4.0501	Interior Design	29	18	62%	100%	0%	0%	6%	24%	6%	10	\$12,324
Totals		29	18	62%	100%	0%	0%	6%	24%	6%	10	\$12,324
Business/Office Marketing												
6.0101	Business and Management, General	26	24	92%	75%	8%	16%	3%	3%	0%	16	\$23,196
6.0201	Accounting	74	45	60%	100%	0%	0%	18%	14%	5%	27	\$19,170
6.0301	Banking and Finance	7	6	85%	100%	0%	0%	14%	0%	0%	6	\$20,004
6.0401	Business Admin. and Management, Gen	403	221	54%	97%	0%	1%	4%	35%	4%	203	\$18,289
6.0701	Institutional Management	22	17	77%	100%	0%	0%	0%	4%	18%	9	\$14,737
6.0704	Restaurant Management	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
6.0705	Transportation Management	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$20,004
6.1399	Management Science	46	34	73%	100%	0%	0%	4%	13%	8%	30	\$20,399
6.1401	Marketing Management	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$9,840
6.1601	Personnel Management	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$19,200
6.1701	Real Estate	15	3	20%	100%	0%	0%	13%	66%	0%	0	\$0
6.1801	Small Business Management	8	4	50%	100%	0%	0%	12%	25%	12%	6	\$15,058
6.9999	Business and Management, Other	35	21	60%	52%	0%	47%	20%	11%	8%	15	\$15,608
7.0101	Accounting and Bookkeeping	64	31	48%	51%	3%	45%	6%	28%	17%	34	\$15,107
7.0102	Accounting and Computing	76	58	76%	86%	1%	12%	7%	10%	5%	48	\$16,860
7.0201	Banking and Financial Programs	9	7	77%	100%	0%	0%	22%	0%	0%	6	\$17,644
7.0301	Business Data Processing, General	16	6	37%	50%	0%	50%	25%	37%	0%	6	\$21,809
7.0302	Business Computer Console Operate	8	4	50%	100%	0%	0%	0%	25%	25%	2	\$30,000
7.0305	Business Data Programming	27	26	96%	100%	0%	0%	0%	3%	0%	26	\$18,696
7.0399	Business Data Processing, Other	7	6	85%	100%	0%	0%	0%	14%	0%	6	\$16,882
7.0401	Office Supervision and Management	20	13	65%	100%	0%	0%	20%	5%	10%	12	\$21,463
7.0601	Secretarial and Related Programs	3	1	33%	100%	0%	0%	33%	33%	0%	1	\$23,040
7.0602	Court Reporting	14	9	64%	100%	0%	0%	0%	21%	14%	3	\$15,994
7.0603	Executive Secretarial	52	39	75%	87%	5%	7%	9%	7%	7%	32	\$15,288
7.0604	Legal Secretarial	41	32	78%	100%	0%	0%	7%	7%	7%	25	\$18,014
7.0605	Medical Secretary	26	21	80%	100%	0%	0%	15%	3%	0%	14	\$13,702
7.0606	Secretarial	10	9	90%	77%	0%	22%	0%	10%	0%	9	\$15,293
7.0608	Word Processing	74	50	67%	96%	0%	4%	13%	12%	6%	42	\$13,320
7.0699	Secretary and Related Programs	52	30	57%	86%	0%	13%	7%	28%	7%	25	\$13,625
7.0801	Information Processing	16	15	93%	46%	0%	53%	0%	0%	6%	6	\$16,320
8.0102	Fashion Merchandising	33	12	36%	100%	0%	0%	3%	54%	6%	10	\$11,233
8.0401	Financial Services Marketing, Gen	7	7	100%	85%	14%	0%	0%	0%	0%	4	\$19,930

Placement Results for 1990-91 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number	Percent	Employment Location			Percent	Percent	Number	Average Reporting Salaries
			Employed	Employed	Full Time	Full Time	Michigan	Other	Unknown		
Business/Office Marketing (Cont.)											
8.0705	Retailing	5	4	80%	25%	50%	25%	20%	0%	0%	\$11,724
8.0706	Sales	19	11	57%	100%	0%	0%	10%	31%	0%	\$14,184
8.0708	Marketing	12	9	75%	0%	0%	100%	16%	0%	8%	\$15,936
8.0799	General Marketing	10	8	80%	100%	0%	0%	0%	20%	0%	\$15,744
8.0999	Hospitality and Recreation, Other	3	1	33%	100%	0%	0%	66%	0%	0%	\$12,996
8.1105	Travel Service Marketing	21	12	57%	100%	0%	0%	0%	35%	4%	\$12,468
8.1199	Transportation and Travel Marketing	24	16	66%	100%	0%	0%	4%	20%	8%	\$16,320
Totals		1289	816	63%	89%	1%	8%	7%	22%	6%	\$17,129
Communications/Comm Technology											
9.0401	Journalism (Mass Communication)	16	3	18%	100%	0%	0%	0%	75%	6%	\$8,717
9.9999	Communications, Other	19	0	0%	0%	0%	0%	0%	94%	5%	\$0
10.0101	Educational Media Technology	22	1	4%	100%	0%	0%	0%	95%	0%	\$0
10.0103	Photographic Technology	3	3	100%	100%	0%	0%	0%	0%	0%	\$15,684
10.0104	Radio/TV Production	12	2	16%	100%	0%	0%	8%	58%	16%	\$12,307
10.0199	Communication Technology, Other	8	7	87%	100%	0%	0%	0%	12%	0%	\$15,204
Totals		80	16	20%	100%	0%	0%	1%	73%	5%	\$13,188
Computer Science											
11.0101	Computer and Information Science	33	17	51%	100%	0%	0%	3%	9%	0%	\$23,564
11.0201	Computer Programming	16	11	68%	90%	9%	0%	0%	18%	12%	\$17,060
11.0301	Data Processing	31	12	38%	100%	0%	0%	0%	48%	3%	\$14,818
11.0401	Information Sciences	7	2	28%	100%	0%	0%	0%	71%	0%	\$15,610
11.0601	Microcomputer Business Application	2	2	100%	100%	0%	0%	0%	0%	0%	\$16,608
11.9999	Computer/Information Science, Other	5	1	20%	100%	0%	0%	0%	60%	20%	\$14,515
Totals		94	45	47%	97%	2%	0%	13%	30%	4%	\$18,356
Consumer, Personal, and Miscellaneous											
12.0301	Funeral Services	1	1	100%	100%	0%	0%	0%	0%	0%	\$15,360
Totals		1	1	100%	100%	0%	0%	0%	0%	0%	\$15,360
Education											
13.1001	Special Education, General	8	1	12%	100%	0%	0%	0%	87%	0%	\$10,810
13.1202	Elementary Education	54	9	16%	100%	0%	0%	3%	75%	3%	\$11,315
13.1205	Secondary Education	24	4	16%	100%	0%	0%	0%	83%	0%	\$10,790
13.1302	Art Education	14	3	21%	100%	0%	0%	0%	64%	14%	\$9,446
13.1312	Music Education	3	1	33%	100%	0%	0%	0%	66%	0%	\$9,850
Totals		103	18	17%	100%	0%	0%	1%	76%	3%	\$10,838

Placement Results for 1990-91 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Full Time	Percent Employed Full Time	Employment Location			Percent Un- employed	Percent in School	Percent Reporting Other Salaries	Number Reporting Salaries	Average Yearly Salaries
					Employed	Employed	Employment Location					
					Michigan	Other	Unknown					
Engineering/Related Technology												
14.0101	Engineering, General	24	9	37%	100%	0%	0%	0%	58%	4%	9	\$16,324
14.0801	Civil Engineering	17	14	82%	64%	14%	21%	5%	11%	0%	9	\$22,344
14.0901	Computer Engineering	2	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
14.1001	Electrical/Electronics/Comm.	47	25	53%	68%	28%	4%	25%	17%	4%	21	\$22,761
14.1901	Mechanical Engineering	12	8	66%	62%	37%	0%	25%	8%	0%	6	\$24,912
15.0101	Architectural Design Technology	52	17	32%	94%	5%	0%	11%	44%	11%	14	\$18,532
15.0201	Civil Technology	25	5	20%	100%	0%	0%	0%	80%	0%	0	\$0
15.0202	Drafting and Design Technology	39	26	66%	57%	0%	42%	10%	20%	2%	19	\$17,884
15.0299	Civil Technology (Other)	11	8	72%	100%	0%	0%	18%	9%	0%	6	\$16,147
15.0301	Computer Technology	3	1	33%	100%	0%	0%	0%	66%	0%	1	\$12,996
15.0303	Electronic Technology	86	58	67%	79%	1%	18%	2%	27%	2%	40	\$22,083
15.0399	Electrical/Electronic Techn., Other	8	3	37%	0%	0%	100%	25%	37%	0%	1	\$16,494
15.0401	Biomedical Equipment Technology	7	6	85%	83%	0%	16%	14%	0%	0%	1	\$22,884
15.0403	Electromechanical Technology	15	14	93%	100%	0%	0%	0%	6%	0%	11	\$23,962
15.0501	Air Cond./Heat/Refrig. Technology	36	20	55%	90%	10%	0%	5%	38%	0%	11	\$20,052
15.0504	Sanitation Technology	2	1	50%	100%	0%	0%	0%	50%	0%	0	\$0
15.0506	Water and Wastewater Technology	8	8	100%	0%	0%	100%	0%	0%	0%	5	\$21,466
15.0601	Chemical Manuf. Technology	13	11	84%	54%	45%	0%	0%	15%	0%	7	\$21,372
15.0603	Industrial Technology	28	22	78%	59%	0%	40%	0%	21%	0%	14	\$31,031
15.0604	Manufacturing Technology	8	8	100%	87%	0%	12%	0%	0%	0%	6	\$32,884
15.0607	Plastic Technology	42	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
15.0610	Welding Technology	7	6	85%	66%	0%	33%	0%	14%	0%	2	\$19,200
15.0699	Industrial Production, Other	90	28	31%	67%	7%	25%	10%	58%	0%	18	\$19,573
15.0702	Quality Control Technology	7	7	100%	100%	0%	0%	0%	0%	0%	5	\$19,200
15.0801	Aeronautical Technology	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$19,200
15.0803	Automotive Technology	125	55	44%	85%	7%	7%	6%	48%	1%	28	\$18,926
15.0805	Mechanical Design Technology	14	7	50%	100%	0%	0%	7%	35%	7%	8	\$21,965
15.0899	Mechanical Engineering Technology	10	5	50%	80%	20%	0%	10%	30%	10%	3	\$25,267
15.1102	Surveying	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
15.9999	Engineering Technology, Other	2	2	100%	100%	0%	0%	0%	0%	0%	1	\$19,200
Totals		743	377	50%	76%	7%	16%	7%	39%	2%	248	\$21,393
Foreign Language												
16.0101	Foreign Languages, Multiple Emphasis	6	2	33%	100%	0%	0%	0%	50%	16%	4	\$13,138
Totals		6	2	33%	100%	0%	0%	0%	50%	16%	4	\$13,138
Health Science												
17.0101	Dental Assisting	12	10	83%	100%	0%	0%	0%	16%	0%	8	\$14,102
17.0102	Dental Hygiene	64	51	79%	96%	3%	0%	4%	7%	7%	33	\$25,298
17.0103	Dental Laboratory Technology	11	6	54%	33%	66%	0%	9%	36%	0%	0	\$0
17.0206	Emergency Medical/Paramedic	4	3	75%	100%	0%	0%	0%	0%	25%	3	\$15,686
17.0208	Nuclear Medical Technology	11	10	90%	90%	10%	0%	0%	9%	0%	10	\$25,068

Placement Results for 1990-91 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number		Percent		Employment Location	Percent	Percent	Number	Average
		Responding	Employed	Full Time	Employed					
Health Science (Cont.)										
17.0209	Radiograph Medical Technology	56	48	85%	95%	4%	0%	1%	5%	7%
17.0210	Respiratory Therapy Technology	32	27	84%	70%	11%	18%	0%	6%	9%
17.0211	Surgical Technology	8	6	75%	100%	0%	0%	0%	12%	12%
17.0309	Medical Laboratory Technology	6	0	0%	0%	0%	0%	0%	100%	0%
17.0310	Medical Technology	3	0	0%	0%	0%	0%	0%	100%	0%
17.0406	Mental Health/Human Services	10	7	70%	100%	0%	0%	20%	10%	0%
17.0499	Mental Health/Human Services	3	3	100%	0%	0%	100%	0%	0%	2
17.0503	Medical Assisting	22	11	50%	100%	0%	0%	0%	13%	36%
17.0507	Pharmacy Assisting	1	1	100%	100%	0%	0%	0%	0%	0
17.0701	Ophthalmic Dispensing	9	8	88%	87%	12%	0%	0%	11%	0%
17.0705	Ophthalmic Technology	10	8	80%	100%	0%	0%	0%	20%	0%
17.0807	Occupational Therapy	3	0	0%	0%	0%	0%	0%	66%	33%
17.0813	Physical Therapy	2	1	50%	100%	0%	0%	0%	0%	50%
17.0815	Physical Therapy Assisting	14	12	85%	100%	0%	0%	0%	7%	7%
18.0703	Medical Records Administration	39	35	89%	100%	0%	0%	2%	2%	5%
18.1101	Nursing, General	266	239	89%	76%	1%	21%	0%	2%	7%
18.1199	Nursing, Other	2	0	0%	0%	0%	0%	0%	100%	0%
18.1301	Osteopathic Medicine	2	0	0%	0%	0%	0%	0%	100%	0%
18.1401	Pharmacy	1	0	0%	0%	0%	0%	0%	100%	0%
18.1801	Pre-Medicine	2	0	0%	0%	0%	0%	0%	100%	0%
18.2401	Veterinary Medicine	2	0	0%	0%	0%	0%	0%	50%	50%
Totals		595	486	81%	84%	3%	12%	1%	8%	7%
Totals 415 \$23,220										
Home Economics/Vocational										
19.0503	Dietetics/Human Nutrition Services	1	0	0%	0%	0%	0%	0%	100%	0%
20.0201	Child Care and Guidance Management	51	25	49%	8%	4%	88%	3%	47%	0%
20.0202	Child Care Aid/Assisting	15	11	73%	81%	9%	9%	6%	13%	6%
20.0301	Clothing, Apparel, and Textiles	1	0	0%	0%	0%	0%	0%	100%	0%
20.0401	Food Production Management	5	4	80%	100%	0%	0%	20%	0%	0%
20.0406	Food Services	5	3	60%	100%	0%	0%	20%	20%	0%
20.0409	Food Service Management	49	6	12%	83%	16%	0%	2%	85%	0%
20.0501	Home Furnishing and Equipment	7	3	42%	100%	0%	0%	0%	28%	28%
Totals		134	52	38%	50%	5%	44%	4%	54%	2%
Totals 28 \$12,608										
Law										
22.0102	Pre-Law	7	3	42%	100%	0%	0%	0%	42%	14%
22.0103	Legal Assisting	40	24	60%	91%	4%	4%	5%	35%	0%
Totals		47	27	57%	92%	3%	3%	4%	36%	2%
Totals 21 \$15,185										

Placement Results for 1990-91 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location			Percent Un-Employed	Percent in School	Percent Reporting Other	Number Salaries	Average Salaries
			Full Time	Full Time	Michigan	Other	Unknown								
Letters															
23.0101	English, General	3	0	0%	0%	0%	0%	0%	100%	0%	0%	0%	0	\$0	
23.1001	Speech, Debate, Forensics	2	1	50%	100%	0%	0%	0%	50%	0%	0%	0%	0	\$0	
Totals		5	1	20%	100%	0%	0%	0%	80%	0%	0%	0%	0	\$0	
Liberal Studies															
24.0101	Liberal/General Studies	413	154	37%	96%	1%	1%	2%	50%	10%	128	128	\$16,454		
24.0102	General Applied Science	55	37	67%	94%	0%	5%	0%	29%	3%	14	14	\$16,651		
24.0199	Fine Arts Studies	17	14	82%	100%	0%	0%	5%	5%	5%	5	5	\$14,028		
Totals		485	205	42%	96%	0%	2%	2%	46%	9%	147	147	\$16,391		
Life Sciences															
26.0101	Biology, General	8	2	25%	100%	0%	0%	0%	75%	0%	5	5	\$18,524		
Totals		8	2	25%	100%	0%	0%	0%	75%	0%	5	5	\$18,524		
Mathematics															
27.0101	Mathematics	2	2	100%	100%	0%	0%	0%	0%	0%	0	0	\$0		
Totals		2	2	100%	100%	0%	0%	0%	0%	0%	0	0	\$0		
Interdisciplinary Studies															
30.0101	Biological and Physical Sciences	59	4	6%	100%	0%	0%	0%	93%	0%	2	2	\$19,200		
Totals		59	4	6%	100%	0%	0%	0%	93%	0%	2	2	\$19,200		
Citizenship/Civic Activities															
36.0109	Travel	12	7	58%	100%	0%	0%	41%	0%	0%	6	6	\$16,668		
Totals		12	7	58%	100%	0%	0%	41%	0%	0%	6	6	\$16,668		
Physical Sciences															
40.0501	Chemistry, General	2	1	50%	100%	0%	0%	0%	50%	0%	1	1	\$8,160		
40.0601	Geology	2	0	0%	0%	0%	0%	0%	100%	0%	1	1	\$9,850		
40.0801	Physics, General	1	0	0%	0%	0%	0%	0%	100%	0%	0	0	\$0		
Totals		5	1	20%	100%	0%	0%	0%	80%	0%	2	2	\$9,005		

Placement Results for 1990-91 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location			Percent Unemployed		Percent in School		Number Reporting	Average Yearly Salaries
			Full Time	Full Time	Full	Mich	Other	Unknown	Un-	Employed	School	Other	Percent	Percent		
Psychology																
42.0101	Psychology, General	22	9	40%	88%	11%	0%	0%	0%	59%	0%	6	\$23,200			
Totals		22	9	40%	88%	11%	0%	0%	0%	59%	0%	6	\$23,200			
Protective Services and Public Affairs																
43.0101	Correctional Administration	2	2	100%	100%	0%	0%	0%	0%	0%	0%	1	\$19,200			
43.0102	Corrections	18	4	22%	75%	0%	25%	0%	50%	27%	9	\$19,203				
43.0107	Law Enforcement	64	29	45%	93%	6%	0%	7%	29%	17%	37	\$17,581				
43.0201	Fire Control and Safty Technology	11	10	90%	100%	0%	0%	0%	9%	0%	6	\$17,606				
43.0203	Fire Fighting	4	3	75%	100%	0%	0%	0%	0%	25%	3	\$27,514				
44.0701	Social Work, General	36	11	30%	100%	0%	0%	5%	47%	16%	22	\$12,230				
Totals		135	59	43%	94%	3%	1%	5%	34%	17%	78	\$16,664				
Social Sciences																
45.0101	Social Science	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0				
45.0601	Economics	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$17,280				
45.0801	History	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0				
45.1101	Sociology	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0				
Totals		4	2	50%	50%	0%	50%	0%	50%	0%	1	\$17,280				
Construction Trades																
46.9999	Construction Trades	9	5	55%	100%	0%	0%	11%	33%	0%	6	\$13,882				
Totals		9	5	55%	100%	0%	0%	11%	33%	0%	6	\$13,882				
Trade and Industrial Technology																
47.0201	Heating/Air Condition/Refrigeration	3	2	66%	100%	0%	0%	0%	33%	0%	2	\$17,280				
47.0603	Automotive Body Repair	3	3	100%	100%	0%	0%	0%	0%	0%	3	\$15,686				
47.0604	Automotive Mechanic	16	10	62%	100%	0%	0%	6%	25%	6%	9	\$16,134				
47.0605	Diesel Engine Mechanics	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0				
47.0607	Aviation Maintenance	8	8	100%	100%	0%	0%	0%	0%	0%	5	\$18,432				
48.0101	Drafting	49	23	46%	100%	0%	0%	4%	46%	2%	15	\$18,749				
48.0201	Graphic & Printing Communications	5	3	60%	33%	0%	66%	20%	20%	0%	2	\$8,916				
48.0203	Commercial Art	16	10	62%	100%	0%	0%	12%	12%	12%	10	\$15,846				
48.0501	Precision Metal Work, General	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$12,000				
48.0503	Machine Tool Operation	4	4	100%	25%	0%	75%	0%	0%	0%	1	\$27,036				
48.0599	Precision Metal Work, Other	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0				
48.9999	Precision Production	9	8	88%	100%	0%	0%	0%	0%	11%	7	\$26,880				
Totals		116	73	62%	93%	0%	6%	6%	26%	4%	55	\$18,249				

Placement Results for 1990-91 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Un- employed	Percent in School	Percent Employed Other	Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Michigan	Other	Unknown							
Transportation and Material Moving														
49.0102	Airplane Piloting and Navigation	9	8	88%	100%	0%	0%	0%	0%	0%	11%	7	\$18,931	
Totals		9	8	88%	100%	0%	0%	0%	0%	0%	11%	7	\$18,931	
Visual and Performing Arts														
50.0301	Dance	1	1	100%	100%	0%	0%	0%	0%	0%	0%	0	\$0	
50.0501	Dramatic Arts	1	0	0%	0%	0%	0%	0%	0%	100%	0%	0	\$0	
50.0701	Fine Arts, General	9	4	44%	100%	0%	0%	0%	44%	11%	1	\$19,200		
50.0801	Graphic Arts Technology	18	8	44%	100%	0%	0%	11%	44%	0%	0	\$0		
50.0901	Music, General	3	2	66%	100%	0%	0%	0%	33%	0%	1	\$9,600		
Totals		32	15	46%	100%	0%	0%	6%	43%	3%	2	\$14,400		
Grand Totals		4079	2282	55%	87%	2%	10%	5%	32%	5%	1842	\$18,729		

BACHELOR'S GRADUATES

TABLE 4
Bachelors
Degrees Conferred Compared to Graduates Reported and Responding by
Participating Institutions for Major Curriculum Areas 1990-91

CIP	Curriculum Area	Total *	Total **	Total **	Percent of Reported	
		Degrees Conferred	Number of Grads Reported	Percent of Conferred		
1	Agribusiness	408	357	87%	192	47%
2	Agricultural Sciences	134	78	58%	43	32%
3	Renewable Natural Resources	204	129	63%	56	27%
4	Architecture	449	203	45%	77	17%
5	Area And Ethnic Studies	118	43	36%	27	22%
6	Business and Management	9544	5073	53%	2907	30%
7	Business and Office	230	141	61%	86	37%
8	Marketing and Distribution	669	451	67%	241	36%
9	Communications	2458	1844	75%	793	32%
10	Communications Technology	101	128	>100%	74	73%
11	Computer Science	925	682	73%	409	44%
12	Consumer, Personal, Misc. Serv	10	0	0%	0	0%
13	Education	3419	2129	62%	1016	29%
14	Engineering	3873	3106	80%	1995	51%
15	Engineering Related Technology	802	560	69%	352	43%
16	Foreign Language	455	397	87%	182	40%
17	Allied Health	687	406	59%	187	27%
18	Health Sciences	2305	1438	62%	679	29%
19	Home Economics	577	392	67%	193	33%
20	Vocational Home Economics	147	99	67%	34	23%
21	Industrial Arts	8	127	>100%	53	>100%
22	Law	61	220	>100%	64	>100%
23	Letters	2129	1304	61%	684	32%
24	Liberal Studies	946	496	52%	143	15%
25	Library Sciences	0	4	0%	3	0%
26	Life Sciences	1376	961	69%	406	29%
27	Mathematics	656	367	55%	184	28%
30	Interdisciplinary Studies	775	420	54%	220	28%
31	Parks and Recreation	213	225	>100%	88	41%
34	Health Related Activities	0	2	0%	1	0%
36	Leisure/Recreational Activities	36	0	0%	0	0%
38	Philosophy and Religion	201	72	35%	48	23%
39	Theology	105	5	4%	5	4%
40	Physical Sciences	564	328	58%	130	23%
41	Science Technology	4	0	0%	0	0%
42	Psychology	2244	1479	65%	607	27%
43	Protective Services	894	698	78%	310	34%
44	Public Affairs	971	776	79%	325	33%
45	Social Sciences	3968	2187	55%	1096	27%
46	Construction Trades	1	0	0%	0	0%
47	Mechanics and Repairers	8	0	0%	0	0%
48	Precision Production	40	0	0%	0	0%
49	Transportation and Material Mo	14	2	14%	1	7%
50	Visual and Performing Arts	1524	744	48%	304	19%
Totals/Averages		44253	28073	63%	14215	32%
						50%

* Data from Michigan Department of Education

** Data from institutions responding to this survey

TABLE 5
Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employment Location			Percent Un-Employed		Percent in School		Number Reporting Other	Average Salaries
			Full Time	Full Time	Michigan	Other	Unknown	Employed	School	Percent Other			
Agribus/AgriSci/RenewNatRes													
1.0103	Agricultural Economics	41	36	87%	86%	13%	0%	7%	4%	0%	33	\$22,740	
1.0601	Horticulture	14	10	71%	90%	10%	0%	0%	28%	0%	7	\$22,584	
1.9999	Packaging	137	118	86%	87%	12%	0%	11%	2%	0%	102	\$29,176	
2.0201	Agricultural Science	22	11	50%	90%	9%	0%	18%	31%	0%	10	\$20,460	
2.0301	Food Sciences	10	6	60%	83%	16%	0%	10%	30%	0%	5	\$22,860	
2.0304	Food Engineering	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$37,500	
2.0501	Soil Sciences	9	8	88%	87%	12%	0%	11%	0%	0%	7	\$23,940	
3.0101	Resource Development	17	11	64%	90%	9%	0%	5%	17%	11%	7	\$19,027	
3.0302	Fisheries	3	3	100%	66%	0%	33%	0%	0%	0%	3	\$18,504	
3.0501	Soil Sciences	18	14	77%	78%	21%	0%	11%	11%	0%	8	\$21,042	
3.0601	Wildlife Management	18	7	38%	100%	0%	0%	16%	44%	0%	5	\$16,476	
Totals		291	226	77%	87%	12%	0%	10%	10%	0%	189	\$25,849	
Architecture													
4.0201	Architecture	19	16	84%	81%	18%	0%	10%	0%	10%	0	\$18,996	
4.0301	Land Use Analysis	16	11	68%	100%	0%	0%	25%	6%	0%	5	\$22,394	
4.0501	Interior Design	28	22	78%	90%	9%	0%	17%	3%	0%	6	\$20,214	
4.0601	Landscape Architecture	14	10	71%	100%	0%	0%	21%	7%	0%	1	\$22,572	
Totals		77	59	76%	91%	8%	0%	18%	3%	2%	12	\$21,319	
Area and Ethnic Studies													
5.0101	African Studies	2	0	0%	0%	0%	0%	0%	50%	50%	0	\$0	
5.0102	American Studies	3	2	66%	50%	0%	50%	0%	0%	33%	1	\$20,004	
5.0103	Asian Studies, General	5	1	20%	0%	0%	100%	40%	40%	0%	1	\$30,000	
5.0104	East Asian Studies	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$19,500	
5.0110	Russian and Slavic Studies	11	4	36%	0%	25%	75%	9%	54%	0%	4	\$21,126	
5.0199	Area Studies, Other	3	3	100%	33%	33%	33%	0%	0%	0%	1	\$21,600	
5.0205	Jewish Studies	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0	
Totals		27	12	44%	33%	16%	50%	11%	37%	7%	9	\$21,679	
Business/Office Marketing													
6.0101	Business and Management, General	41	30	73%	83%	16%	0%	14%	2%	9%	19	\$29,865	
6.0201	Accounting	708	561	79%	86%	12%	0%	13%	6%	2%	332	\$25,423	
6.0301	Banking and Finance	421	308	73%	85%	14%	0%	14%	15%	4%	160	\$24,504	
6.0401	Business Admin. and Management, Gen	623	457	73%	85%	13%	1%	18%	8%	1%	243	\$24,481	
6.0402	Material Management and Purchasing	72	54	75%	81%	18%	0%	18%	6%	0%	42	\$27,744	
6.0403	Business Administration	4	2	50%	100%	0%	0%	25%	25%	0%	0	\$0	
6.0404	Systems Efficiency Analysis	3	2	66%	50%	0%	50%	33%	0%	0%	2	\$24,600	
6.0499	Business Admin./Management, Other	28	20	71%	95%	5%	0%	14%	14%	7%	6	\$20,876	
6.0501	Business Economics	72	50	69%	66%	34%	0%	11%	8%	11%	36	\$19,392	

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number	Percent	Employment Location			Percent	Percent	Number Reporting Salaries	Average Yearly Salaries
			Employed Full Time	Employed Full Time	Michigan	Other	Unknown	Un- employed	In School		
Business/Office Marketing (Cont.)											
6.0601	Human Resources Development	57	32	56%	93%	3%	3%	17%	15%	12%	\$20,502
6.0701	Institutional Management	93	89	95%	43%	56%	0%	3%	1%	0%	\$22,089
6.0705	Transportation Management	6	3	50%	66%	33%	0%	0%	50%	0%	\$25,128
6.0799	Institutional Management, Other	4	3	75%	100%	0%	0%	25%	0%	0%	\$28,836
6.0801	Insurance and Risk Management	16	12	75%	83%	16%	0%	18%	0%	0%	\$0
6.0901	International Business Management	10	5	50%	80%	20%	0%	10%	30%	10%	\$0
6.1101	Labor/Industrial Relations	2	1	50%	100%	0%	0%	50%	0%	0%	\$0
6.1201	Management Information Systems	54	44	81%	97%	2%	0%	11%	7%	12%	\$22,749
6.1302	Operations Research	33	24	72%	83%	16%	0%	12%	9%	6%	\$28,140
6.1399	Management Science	61	49	80%	97%	2%	0%	6%	3%	11%	\$23,544
6.1401	Marketing Management	499	417	83%	73%	26%	0%	8%	7%	6%	\$22,288
6.1499	Marketing Management, Other	6	4	66%	100%	0%	0%	16%	0%	16%	\$18,000
6.1601	Personnel Management	30	25	85%	96%	4%	0%	16%	0%	0%	\$22,776
6.1701	Real Estate	4	4	100%	100%	0%	0%	0%	0%	0%	\$0
6.1801	Small Business Management	10	7	70%	71%	28%	0%	30%	0%	0%	\$0
6.2001	Trade and Industrial Management	29	23	79%	78%	21%	0%	17%	3%	0%	\$21,522
6.9999	Business and Management, Other	21	18	85%	72%	27%	0%	9%	4%	0%	\$0
7.0102	Accounting and Computing	15	13	86%	100%	0%	0%	13%	0%	0%	\$22,080
7.0401	Office Supervision and Management	57	42	73%	100%	0%	0%	15%	1%	8%	\$25,552
7.0601	Secretarial and Related Programs	6	6	100%	83%	16%	0%	0%	0%	0%	\$17,496
7.0603	Executive Secretarial	2	1	50%	100%	0%	0%	0%	50%	0%	\$0
7.0604	Legal Secretarial	6	6	100%	100%	0%	0%	0%	0%	0%	\$0
8.0102	Fashion Merchandising	23	18	78%	94%	5%	0%	13%	17%	4%	\$17,389
8.0201	Business Marketing	101	75	74%	84%	16%	0%	19%	5%	0%	\$25,680
8.0702	Industrial Sales	9	8	88%	100%	0%	0%	11%	0%	0%	\$0
8.0705	Retailing	20	15	75%	93%	6%	0%	25%	0%	0%	\$19,128
8.0706	Sales	47	36	76%	75%	25%	0%	19%	4%	0%	\$23,736
8.0799	General Marketing	7	6	85%	0%	0%	100%	14%	0%	0%	\$24,420
8.0999	Hospitality and Recreation, Other	24	23	95%	60%	39%	0%	4%	0%	0%	\$21,744
8.1104	Tourism	10	9	90%	100%	0%	0%	0%	10%	0%	\$0
Totals		3234	2502	77%	82%	17%	0%	13%	7%	3%	\$24,196
Communications/Comm Technology											
9.0101	Communications	319	191	59%	75%	13%	10%	23%	10%	16%	\$20,659
9.0201	Advertising	194	114	58%	83%	15%	0%	32%	6%	2%	\$20,330
9.0401	Journalism (Mass Communication)	116	84	72%	82%	16%	1%	15%	12%	3%	\$19,636
9.0501	Public Relations	39	30	76%	93%	6%	0%	17%	20%	5%	\$23,011
9.0701	Telecommunications	100	73	73%	85%	16%	0%	20%	9%	5%	\$21,253
9.9999	Communications, Other	25	20	80%	80%	20%	0%	20%	0%	0%	\$23,244
10.0104	Radio/TV Production	43	32	74%	84%	15%	0%	23%	2%	0%	\$0
10.0199	Communication Technology, Other	31	21	67%	61%	33%	4%	19%	12%	0%	\$28,044
Totals		867	565	65%	80%	15%	4%	23%	9%	7%	\$20,930

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed	Percent Employed	Employment Location			Percent Un-Employed	Percent in School	Number Reporting	Average Salaries	
			Full Time	Full Time	Mich	Other	Unknown	Employed	School			
Computer Science												
11.0101	Computer and Information Science	277	207	74%	81%	16%	1%	12%	16%	82	\$28,610	
11.0401	Information Sciences	1	1	100%	100%	0%	0%	0%	0%	0	\$0	
11.0501	Systems Analysis	7	7	100%	71%	28%	0%	0%	0%	2	\$24,300	
11.9999	Computer/Information Science, Other	124	97	78%	73%	24%	2%	6%	5%	55	\$26,365	
Totals		409	312	76%	78%	19%	1%	10%	12%	82	\$27,885	
Education												
13.0101	Education, General	5	2	40%	0%	0%	100%	0%	40%	20%	2	\$25,524
13.0402	Admin. of Special Education	1	0	0%	0%	0%	0%	0%	0%	100%	0	\$0
13.0405	Elem. and Sec. Education Admin.	74	33	44%	84%	15%	0%	22%	4%	28%	13	\$16,956
13.0499	Education Administration, Other	4	4	100%	100%	0%	0%	0%	0%	0%	1	\$66,000
13.1001	Special Education, General	82	74	90%	89%	8%	2%	3%	4%	1%	62	\$25,109
13.1003	Education of the Deaf	4	4	100%	100%	0%	0%	0%	0%	0%	0	\$0
13.1005	Edcu. of Emotionally Handicapped	12	10	83%	100%	0%	0%	0%	0%	16%	0%	0
13.1006	Education of Mentally Handicapped	24	24	100%	75%	25%	0%	0%	0%	0%	0	\$0
13.1008	Education, Physically Handicapped	6	6	100%	100%	0%	0%	0%	0%	0%	0	\$0
13.1009	Education of Visually Handicapped	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0
13.1012	Speech Correction	14	10	71%	100%	0%	0%	0%	28%	0%	0	\$0
13.1099	Special Education, Other	2	1	50%	0%	0%	100%	0%	0%	50%	1	\$24,000
13.1101	Student Counseling & Personnel Serv.	8	6	75%	83%	16%	0%	12%	0%	12%	2	\$30,600
13.1201	Adult and Continuing Education	26	16	61%	93%	0%	6%	15%	3%	23%	0	\$0
13.1202	Elementary Education	323	235	72%	83%	14%	2%	11%	6%	9%	49	\$23,541
13.1204	Pre-Elementary Education	15	8	53%	75%	25%	0%	0%	6%	40%	0	\$0
13.1205	Secondary Education	26	26	100%	100%	0%	0%	0%	0%	0%	0	\$0
13.1301	Agricultural Education	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
13.1302	Art Education	9	7	77%	71%	28%	0%	0%	0%	22%	1	\$19,500
13.1303	Business Education	10	9	90%	100%	0%	0%	0%	10%	0%	0	\$0
13.1306	Foreign Language Education	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
13.1307	Health Education	7	4	57%	100%	0%	0%	28%	14%	0%	2	\$24,996
13.1308	Home Economics Education	6	6	100%	100%	0%	0%	0%	0%	0%	2	\$21,996
13.1309	Industrial Arts Education	4	3	75%	100%	0%	0%	0%	25%	0%	0	\$0
13.1310	Marketing & Distributive Education	4	3	75%	100%	0%	0%	25%	0%	0%	0	\$0
13.1311	Mathematics Education	10	9	90%	100%	0%	0%	10%	0%	0%	1	\$19,306
13.1312	Music Education	29	20	68%	80%	0%	20%	20%	6%	3%	5	\$22,356
13.1314	Physical Education	78	43	55%	72%	18%	9%	7%	28%	8%	17	\$20,063
13.1315	Reading Education	17	12	70%	100%	0%	0%	0%	0%	29%	9	\$27,500
13.1316	Science Education	46	35	76%	82%	14%	2%	6%	10%	6%	2	\$22,272
13.1317	Social Science Education	57	40	70%	77%	22%	0%	22%	5%	1%	4	\$20,332
13.1318	Social Studies Education	22	17	77%	35%	64%	0%	0%	9%	13%	13	\$17,892
13.1399	Teacher Education/Specific Subject	23	18	78%	61%	38%	0%	0%	0%	21%	10	\$18,012
13.9999	Education, Other	64	45	70%	71%	28%	0%	9%	3%	17%	29	\$18,834
Totals		1016	733	72%	82%	14%	2%	10%	7%	10%	225	\$22,448

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed		Employment Location			Percent Un-Employed		Percent in School		Number Reporting Salaries	Average Salaries
			Full Time	Full Time	Mich	Other	Unknown	Employed	School	Other	Percent	Percent	Reporting Salaries	Yearly Salaries	
Engineering/Related Technology															
14.0101	Engineering, General	85	64	75%	82%	15%	1%	4%	20%	0%	51	\$28,654			
14.0201	Aerospace/Aeronautical/Astronautical	92	25	27%	32%	60%	8%	42%	25%	3%	22	\$31,855			
14.0301	Agricultural Engineering	5	3	60%	100%	0%	0%	0%	40%	0%	2	\$30,504			
14.0501	Biomedical & Bioengineering	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0			
14.0701	Chemical Engineering	155	107	69%	59%	35%	4%	9%	20%	1%	112	\$37,884			
14.0801	Civil Engineering	163	108	66%	70%	19%	10%	15%	17%	4%	83	\$29,610			
14.0901	Computer Engineering	104	73	70%	68%	26%	5%	10%	18%	0%	88	\$32,957			
14.1001	Electrical/Electronics/Comm.	537	356	66%	64%	22%	12%	16%	16%	4%	579	\$17,768			
14.1101	Mechanics Engineering	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0			
14.1301	Engineering Science	2	0	0%	0%	0%	0%	0%	0%	0%	0	\$0			
14.1401	Environmental Health Engineering	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$20,004			
14.1501	Geological Engineering	4	3	75%	33%	66%	0%	25%	0%	0%	1	\$24,996			
14.1701	Industrial Engineering	87	56	64%	58%	35%	5%	31%	6%	1%	74	\$32,683			
14.1801	Materials Engineering	30	15	50%	60%	40%	0%	10%	36%	3%	13	\$31,722			
14.1901	Mechanical Engineering	669	460	68%	72%	23%	3%	16%	11%	2%	415	\$33,974			
14.2001	Metallurgical Engineering	38	31	81%	58%	41%	0%	7%	13%	0%	25	\$33,504			
14.2101	Mining and Mineral Eng.	1	1	100%	0%	100%	0%	0%	0%	0%	0	\$0			
14.2201	Naval Architecture/Marine Engineer	9	0	0%	0%	0%	0%	11%	55%	0%	4	\$35,680			
14.2301	Nuclear Engineering	5	0	0%	0%	0%	0%	20%	100%	20%	1	\$40,500			
14.2701	Systems Science	2	1	50%	0%	100%	0%	50%	50%	0%	1	\$33,000			
14.9999	Engineering, Other	4	3	75%	100%	0%	0%	0%	25%	0%	1	\$21,000			
15.0101	Architectural Design Technology	32	31	96%	100%	0%	0%	0%	21%	3%	21	\$42,079			
15.0301	Computer Technology	4	4	100%	100%	0%	0%	0%	0%	0%	1	\$20,004			
15.0303	Electronic Technology	45	40	88%	80%	20%	0%	8%	2%	0%	18	\$28,020			
15.0399	Electrical/Electronic Techn., Other	3	2	66%	100%	0%	0%	33%	0%	0%	0	\$0			
15.0503	Energy Management Technology	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0			
15.0504	Sanitation Technology	2	2	100%	50%	50%	0%	0%	0%	0%	1	\$32,004			
15.0599	Environmental Control Technology	32	26	81%	61%	38%	0%	12%	6%	0%	14	\$26,285			
15.0603	Industrial Technology	18	16	88%	87%	12%	0%	11%	0%	0%	5	\$27,598			
15.0604	Manufacturing Technology	8	7	87%	100%	0%	0%	12%	0%	0%	0	\$0			
15.0607	Plastic Technology	37	34	91%	67%	32%	0%	5%	2%	0%	23	\$30,912			
15.0699	Industrial Production, Other	62	54	87%	83%	16%	0%	12%	0%	0%	36	\$30,312			
15.0701	Occupation Safty and Health	8	7	87%	85%	14%	0%	0%	0%	12%	5	\$27,792			
15.0801	Aeronautical Technology	6	6	100%	100%	0%	0%	0%	0%	0%	0	\$0			
15.0803	Automotive Technology	59	56	94%	80%	19%	0%	3%	1%	0%	42	\$26,969			
15.0805	Mechanical Design Technology	24	24	100%	87%	12%	0%	0%	0%	0%	14	\$28,111			
15.0899	Mechanical Engineering Technology	3	3	100%	100%	0%	0%	0%	0%	0%	0	\$0			
15.1102	Surveying	8	8	100%	50%	50%	0%	0%	0%	0%	6	\$26,568			
Totals		2347	1629	69%	70%	24%	5%	14%	14%	2%	1659	\$27,567			
Foreign Language															
16.0101	Foreign Languages, Multiple Emphasis	9	5	55%	40%	40%	20%	22%	11%	11%	4	\$23,748			
16.0302	Japanese	1	0	0%	0%	0%	0%	0%	0%	100%	0	\$0			
16.0401	Baltic Languages	38	30	78%	86%	6%	6%	21%	0%	0%	17	\$25,227			

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CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un-Employed	Percent in School	Percent Other	Number Reporting	Average Yearly Salaries
			Employed	Full Time	Employed	Full Time						
			Michigan	Other	Unknown							
Foreign Language (Cont.)												
16.0402	Russian	4	2	50%	50%	0%	50%	25%	0%	25%	1	\$20,196
16.0501	German	26	15	57%	66%	13%	20%	0%	30%	15%	9	\$20,861
16.0601	Greek	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
16.0901	French	32	19	59%	84%	15%	0%	6%	43%	9%	9	\$21,014
16.0903	Latin	5	2	40%	50%	0%	50%	0%	60%	0%	1	\$15,996
16.0905	Spanish	48	28	58%	53%	28%	17%	16%	25%	6%	14	\$19,291
16.1701	Insurance/Real Estate	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
16.2001	Individual Sup./Mgt.	9	9	100%	77%	22%	0%	0%	0%	0%	4	\$26,676
16.9999	Language and International Trade	8	6	75%	100%	0%	0%	12%	12%	0%	0	\$0
Totals		182	116	63%	72%	16%	11%	12%	22%	7%	59	\$22,266
Health Science												
17.0206	Emergency Medical/Paramedic	5	4	80%	100%	0%	0%	0%	20%	0%	0	\$0
17.0208	Nuclear Medical Technology	12	12	100%	66%	33%	0%	0%	0%	0%	6	\$27,768
17.0209	Radiograph Medical Technology	2	2	100%	100%	0%	0%	0%	50%	0%	2	\$28,000
17.0301	Blood Bank Technology	3	3	100%	100%	0%	0%	0%	0%	0%	3	\$25,000
17.0310	Medical Technology	28	19	67%	73%	26%	0%	0%	17%	14%	5	\$24,157
17.0399	Medical Lab. Technology, Other	3	3	100%	100%	0%	0%	0%	33%	0%	2	\$15,000
17.0499	Mental Health/Human Services	4	4	100%	50%	50%	0%	0%	0%	0%	3	\$26,328
17.0599	Allied Health Services	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$26,000
17.0804	Exercise Physiology	11	7	63%	85%	14%	0%	0%	36%	0%	4	\$30,820
17.0806	Music Therapy	5	4	80%	100%	0%	0%	20%	0%	0%	1	\$24,996
17.0807	Occupational Therapy	43	42	97%	83%	16%	0%	0%	16%	2%	12	\$25,380
17.0813	Physical Therapy	52	52	100%	88%	11%	0%	0%	7%	0%	31	\$31,209
17.0816	Recreational Therapy	13	11	84%	81%	18%	0%	0%	7%	7%	7	\$20,196
17.9999	Allied Health (Other)	5	5	100%	80%	20%	0%	0%	0%	0%	1	\$21,000
18.0199	Audiology/Speech Pathology (Other)	32	0	0%	0%	0%	0%	5%	96%	0%	0	\$0
18.0202	Clinical Biochemistry	18	15	83%	93%	6%	0%	0%	16%	0%	6	\$25,548
18.0299	Basic Clinical Health Sciences	32	14	43%	85%	7%	7%	3%	0%	53%	2	\$22,272
18.0701	Health Care Adminstration	31	24	77%	100%	0%	0%	16%	6%	0%	0	\$0
18.0703	Medical Records Administration	25	25	100%	92%	8%	0%	0%	0%	0%	13	\$21,816
18.0799	Health Science Administration	8	6	75%	100%	0%	0%	25%	0%	0%	6	\$28,332
18.0901	Medical Laboratory	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0
18.1101	Nursing, General	363	335	92%	83%	13%	3%	1%	9%	5%	190	\$29,577
18.1105	Nursing Administration	10	8	80%	100%	0%	0%	0%	10%	30%	0	\$33,000
18.1201	Optometry	29	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
18.1301	Osteopathic Medicine	2	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
18.1401	Pharmacy	100	98	98%	84%	15%	0%	0%	6%	1%	60	\$39,813
18.1801	Pre-Medicine	20	4	20%	75%	25%	0%	0%	80%	0%	2	\$22,992
18.2201	Public Health Laboratory Science	1	0	0%	0%	0%	0%	100%	100%	0%	0	\$0
18.2401	Veterinary Medicine	2	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
18.9999	Health Science, Other	4	0	0%	0%	0%	0%	50%	50%	50%	0	\$0
Totals		866	700	80%	85%	13%	1%	2%	17%	5%	357	\$30,257

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un-Employed	Percent in School	Percent Other	Number Reporting Salaries	Average Yearly Salaries
			Employed	Employed						
			Full Time	Full Time	Michigan	Other	Unknown					
Home Economics/Vocational												
19.0301	Family and Community Services	23	13	56%	92%	7%	0%	34%	8%	0%	6	\$18,400
19.0401	Family/Consumer Resource Management	6	6	100%	83%	16%	0%	0%	0%	0%	2	\$17,976
19.0501	Food Science and Human Nutrition	7	6	85%	83%	16%	0%	14%	14%	0%	0	\$0
19.0503	Dietetics/Human Nutrition Services	45	32	71%	56%	43%	0%	11%	17%	0%	2	\$18,600
19.0601	Human Environment and Housing	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
19.0701	Individual and Family Development	12	12	100%	100%	0%	0%	0%	0%	0%	0	\$0
19.0901	Textiles and Clothing	38	35	92%	82%	17%	0%	2%	5%	0%	21	\$20,207
19.0903	Textiles and Clothing, Retail	61	48	78%	64%	35%	0%	18%	3%	0%	30	\$20,712
20.0102	Child Development, Care & Guidance	27	22	81%	100%	0%	0%	14%	0%	3%	8	\$20,523
20.0199	Consumer and Homemaking Economics	7	5	71%	100%	0%	0%	14%	0%	14%	1	\$17,004
Totals		227	180	79%	77%	22%	0%	13%	6%	0%	70	\$20,149
Industrial Arts												
21.0101	Industrial Arts	9	8	88%	100%	0%	0%	11%	0%	0%	0	\$0
21.0102	Construction	44	32	72%	100%	0%	0%	22%	4%	0%	30	\$25,260
Totals		53	40	75%	100%	0%	0%	20%	3%	0%	30	\$25,260
Law												
22.0102	Pre-Law	59	25	42%	88%	12%	0%	11%	45%	0%	17	\$24,901
22.0103	Legal Assisting	5	3	60%	100%	0%	0%	0%	40%	0%	3	\$18,660
Totals		64	28	43%	89%	10%	0%	10%	45%	0%	20	\$23,965
Letters												
23.0101	English, General	364	200	54%	75%	25%	0%	11%	20%	12%	105	\$18,493
23.0201	Classics	5	1	20%	100%	0%	0%	20%	40%	20%	0	\$0
23.0301	Comparative Literature	5	1	20%	0%	0%	100%	0%	20%	60%	1	\$34,303
23.0601	Linguistics (Semantics/Philology)	5	3	60%	33%	0%	66%	0%	20%	20%	2	\$21,504
23.0701	Literature, American	26	24	92%	79%	20%	0%	0%	7%	0%	0	\$0
23.0801	Literature, English	126	60	47%	11%	1%	86%	11%	29%	11%	52	\$19,296
23.1001	Speech, Debate, Forensics	137	100	72%	79%	21%	0%	5%	14%	6%	43	\$18,333
23.1101	Technical and Business Writing	4	0	0%	0%	0%	0%	75%	25%	0%	0	\$0
23.9999	Letters, Other	12	8	66%	87%	12%	0%	0%	16%	16%	3	\$24,516
Totals		684	397	58%	66%	19%	13%	10%	20%	11%	206	\$18,856
Liberal Studies												
24.0101	Liberal/General Studies	68	47	69%	85%	6%	8%	8%	14%	7%	20	\$26,736
24.0199	Fine Arts Studies	75	55	73%	67%	7%	25%	4%	40%	17%	49	\$34,147
Totals		143	102	71%	75%	6%	17%	6%	27%	12%	69	\$31,999

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CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Un- employed	Percent in School	Percent Employed School	Number Reporting Other Salaries	Average Yearly Salaries
			Full Time	Full Time	Michigan	Other	Unknown							
Library and Archival Sciences														
25.0401	Library Science	3	3	100%	100%	0%	0%	0%	0%	0%	0%	0%	0	\$0
Totals		3	3	100%	100%	0%	0%	0%	0%	0%	0%	0	0	\$0
Life Sciences														
26.0101	Biology, General	286	113	39%	75%	16%	7%	7%	50%	9%	54	\$21,682		
26.0201	Biochemistry and Biophysics	34	13	38%	76%	7%	15%	11%	50%	5%	8	\$26,859		
26.0301	Botany	2	0	0%	0%	0%	0%	0%	100%	0%	0	\$0		
26.0499	Cell and Molecular Botany, Other	8	3	37%	0%	0%	100%	12%	50%	0%	3	\$23,664		
26.0501	Microbiology	20	8	40%	87%	0%	12%	5%	50%	5%	4	\$19,471		
26.0603	Ecology	4	1	25%	100%	0%	0%	0%	50%	25%	1	\$23,004		
26.0607	Marine Biology	2	1	50%	100%	0%	0%	50%	0%	0%	0	\$0		
26.0612	Toxicology	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0		
26.0701	Zoology	21	5	23%	40%	60%	0%	14%	61%	0%	4	\$21,375		
26.0706	Physiology	25	4	16%	100%	0%	0%	4%	80%	0%	1	\$16,500		
26.9999	Life Sciences, Other	2	2	100%	50%	0%	50%	0%	0%	0%	2	\$21,246		
Totals		406	152	37%	74%	15%	10%	8%	52%	7%	77	\$22,105		
Mathematics														
27.0101	Mathematics	166	111	66%	58%	22%	18%	10%	14%	11%	62	\$23,874		
27.0201	Actuarial Sciences	3	3	100%	66%	33%	0%	0%	0%	0%	0	\$0		
27.0301	Applied Mathematics	5	3	60%	0%	0%	100%	20%	20%	0%	3	\$33,504		
27.0501	Statistics	7	1	14%	100%	0%	0%	14%	71%	0%	0	\$0		
27.9999	Math (Other)	3	2	66%	100%	0%	0%	0%	33%	0%	1	\$29,460		
Totals		184	120	65%	58%	21%	20%	10%	16%	10%	66	\$24,396		
Interdisciplinary Studies														
30.0101	Biological and Physical Sciences	12	11	91%	100%	0%	0%	0%	8%	0%	4	\$23,100		
30.0301	Engineering and Other Disciplines	10	8	80%	87%	12%	0%	10%	0%	10%	2	\$30,000		
30.0401	Humanities and Social Science	183	89	48%	80%	19%	0%	16%	26%	8%	47	\$20,920		
30.0999	Biopsychology	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0		
30.9999	Multi-Interdisciplinary Studies	14	10	71%	0%	0%	100%	0%	28%	0%	10	\$21,804		
Totals		220	118	53%	76%	15%	8%	14%	25%	7%	63	\$21,487		
Parks and Recreation														
31.0101	Parks and Recreation, General	20	12	60%	50%	50%	0%	15%	25%	0%	6	\$19,896		
31.0201	Outdoor Recreation	3	3	100%	100%	0%	0%	0%	0%	0%	3	\$14,844		
31.0301	Parks and Recreation Management	53	46	86%	65%	34%	0%	7%	5%	1%	11	\$18,826		
31.0502	Recreation: Therapeutic	7	7	100%	57%	42%	0%	0%	0%	0%	5	\$21,240		

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Un-Employed	Percent in School	Percent Reporting Other Salaries	Number Salaries	Average Salaries
			Full Time	Full Time	Mich	Other	Unknown							
Parks and Recreation (Cont.)														
31.0503	Sport Medicine	4	3	75%	100%	0%	0%	0%	0%	25%	0%	1	\$21,504	
31.9999	Parks and Recreation, Other	1	1	100%	100%	0%	0%	0%	0%	0%	0%	1	\$20,004	
Totals		88	72	81%	65%	34%	0%	7%	16%	1%	27		\$19,211	
Citizenship/Civic Activities														
34.0401	Health Studies	1	1	100%	100%	0%	0%	0%	0%	0%	0%	0	\$0	
Totals		1	1	100%	100%	0%	0%	0%	0%	0%	0%	0	\$0	
Philosophy, Religion and Theology														
38.0101	Philosophy	32	12	37%	66%	25%	8%	3%	53%	9%	8	\$15,222		
38.0201	Religion	11	6	54%	100%	0%	0%	0%	45%	0%	1	\$17,004		
38.9999	Philosophy and Religion Other	5	4	80%	100%	0%	0%	0%	20%	0%	0	\$0		
39.0201	Bible Studies	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0		
39.9999	Theology, Other	4	2	50%	0%	100%	0%	0%	50%	0%	2	\$23,400		
Totals		53	24	45%	75%	20%	4%	1%	49%	5%	11		\$16,871	
Physical Sciences														
40.0301	Astrophysics	5	1	20%	0%	100%	0%	0%	80%	0%	0	\$0		
40.0401	Atmospheric Science and Meteorology	2	0	0%	0%	0%	0%	50%	50%	0%	0	\$0		
40.0501	Chemistry, General	69	37	53%	83%	8%	8%	8%	34%	2%	18	\$29,837		
40.0601	Geology	12	8	66%	75%	25%	0%	8%	25%	0%	3	\$29,480		
40.0703	Earth Science	7	5	71%	100%	0%	0%	14%	0%	14%	0	\$0		
40.0801	Physics, General	27	10	37%	80%	10%	10%	3%	55%	3%	4	\$25,149		
40.0899	Physics, Other	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$27,000		
40.9999	Physical Sciences, Other	7	2	28%	100%	0%	0%	57%	14%	0%	2	\$26,508		
Totals		130	64	49%	82%	10%	6%	10%	36%	3%	28		\$28,790	
Psychology														
42.0101	Psychology, General	600	307	51%	68%	13%	18%	11%	34%	9%	167	\$18,533		
42.0901	Industrial & Organization Psycho.	7	2	28%	100%	0%	0%	28%	0%	57%	0	\$24,000		
Totals		607	309	50%	68%	13%	18%	11%	34%	9%	167		\$18,533	
Protective Services and Public Affairs														
43.0101	Correctional Administration	66	40	60%	80%	20%	0%	33%	21%	0%	27	\$23,424		
43.0103	Criminal Justice Administration	42	25	59%	92%	8%	0%	16%	2%	21%	19	\$17,460		
43.0104	Criminal Justice Studies	86	57	66%	89%	10%	0%	15%	29%	16%	30	\$24,443		

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un-Employed	Percent in School	Percent Other	Number Reporting	Average Yearly Salaries
			Employed	Employed	Employed	Michigan						
			Full	Full	Full	Michigan	Other	Unknown	Full	Michigan	Other	Unknown
Protective Services and Public Affairs (Cont.)												
43.0105	Criminal Justice Technology	41	24	58%	95%	4%	0%	24%	7%	9%	7	\$24,977
43.0107	Law Enforcement	73	46	63%	86%	13%	0%	35%	0%	1%	18	\$23,712
43.0199	Criminal Justice, Other	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$23,496
44.0101	Public Affairs	17	5	29%	100%	0%	0%	41%	29%	0%	5	\$21,420
44.0201	Community Service	9	7	77%	71%	28%	0%	11%	11%	0%	1	\$28,704
44.0401	Public Administration	57	27	47%	88%	11%	0%	19%	22%	10%	11	\$21,629
44.0501	Public Policy Studies	7	2	28%	100%	0%	0%	14%	57%	0%	1	\$18,996
44.0701	Social Work, General	235	126	53%	85%	13%	0%	15%	19%	13%	42	\$18,303
Totals		635	361	56%	87%	12%	0%	21%	17%	10%	163	\$21,519
Social Sciences												
45.0101	Social Science	112	41	36%	75%	14%	9%	33%	20%	9%	29	\$20,925
45.0201	Anthropology	25	10	40%	40%	0%	60%	4%	48%	28%	6	\$16,308
45.0401	Criminology	24	19	79%	78%	21%	0%	16%	4%	0%	0	\$0
45.0501	Demography	16	7	43%	71%	28%	0%	6%	81%	50%	7	\$21,333
45.0601	Economics	224	130	58%	53%	7%	39%	11%	24%	10%	91	\$24,474
45.0701	Geography	31	23	74%	78%	21%	0%	6%	12%	6%	7	\$20,139
45.0801	History	219	108	49%	60%	22%	17%	7%	35%	13%	48	\$20,159
45.0901	International Relations	3	1	33%	100%	0%	0%	33%	33%	0%	0	\$0
45.1001	Political Science and Government	270	117	43%	61%	11%	26%	9%	41%	11%	68	\$21,946
45.1101	Sociology	140	80	57%	80%	15%	5%	10%	25%	10%	37	\$19,162
45.9999	Social Sciences, Other	32	25	78%	76%	24%	0%	3%	12%	6%	16	\$18,240
Totals		1096	561	51%	64%	14%	20%	11%	30%	11%	309	\$21,628
Transportation and Material Moving												
49.0202	Construction Equipment Operation	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$12,000
Totals		1	1	100%	100%	0%	0%	0%	0%	0%	1	\$12,000
Visual and Performing Arts												
50.0301	Dance	3	2	66%	100%	0%	0%	0%	33%	33%	0	\$0
50.0401	Design, General	29	11	37%	45%	27%	27%	27%	3%	31%	3	\$23,328
50.0402	Graphic Design	7	7	100%	57%	42%	0%	0%	0%	0%	2	\$17,748
50.0501	Dramatic Arts	28	20	71%	90%	10%	0%	3%	14%	14%	7	\$15,838
50.0601	Film Arts, General	11	6	54%	66%	16%	16%	18%	18%	9%	4	\$13,125
50.0605	Photography	8	6	75%	66%	33%	0%	0%	25%	0%	4	\$20,871
50.0701	Fine Arts, General	111	78	70%	76%	20%	2%	7%	12%	9%	31	\$17,869
50.0703	Art History and Appreciation	23	8	34%	37%	0%	62%	21%	34%	8%	7	\$19,036
50.0799	Fine Arts, Other	37	25	67%	84%	8%	8%	5%	21%	24%	16	\$13,847
50.0901	Music, General	33	15	45%	93%	6%	0%	12%	27%	30%	5	\$19,381
50.0902	Music History and Appreciation	2	1	50%	100%	0%	0%	0%	50%	0%	0	\$0

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location			Percent Un- employed		Percent in School		Number Reporting Other Salaries	Average Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown	Employed	Un- employed	in School	Other Salaries					
Visual and Performing Arts (Cont.)																
50.0903	Applied Music	12	5	41%	60%	0%	40%	25%	16%	16%	3	\$16,700				
Totals		304	184	60%	75%	16%	8%	10%	17%	16%	82	\$17,172				
Grand Totals		14216	9572	67%	77%	17%	5%	12%	16%	6%	5671	\$24,786				

MASTER'S GRADUATES

TABLE 6
Masters

**Degrees Conferred Compared to Graduates Reported and Responding by
Participating Institutions for Major Curriculum Areas 1990-91**

CIP	Curriculum Area	Total *	Total **	Total **		
		Degrees Conferred	Number of Grads Reported	Percent of Conferred	Number of Grads Responding	Percent of Conferred
1	Agribusiness	42	42	100%	21	50%
2	Agricultural Sciences	37	35	94%	10	27%
3	Renewable Natural Resources	79	37	46%	10	12%
4	Architecture	155	58	37%	21	13%
5	Area And Ethnic Studies	52	14	26%	5	9%
6	Business and Management	4274	1170	27%	538	12%
7	Business and Office	0	0	0%	0	0%
8	Marketing and Distribution	35	80	>100%	44	>100%
9	Communications	253	124	49%	59	23%
10	Communications Technology	0	0	0%	0	0%
11	Computer Science	237	208	87%	86	36%
12	Consumer, Personal, Misc. Serv	0	0	0%	0	0%
13	Education	3397	1490	43%	808	23%
14	Engineering	1203	988	82%	317	26%
15	Engineering Related Technology	73	57	78%	23	31%
16	Foreign Language	60	29	48%	15	25%
17	Allied Health	130	65	50%	27	20%
18	Health Sciences	722	234	32%	96	13%
19	Home Economics	100	171	>100%	79	79%
20	Vocational Home Economics	0	1	0%	1	0%
21	Industrial Arts	22	0	0%	0	0%
22	Law	33	5	15%	1	3%
23	Letters	281	119	42%	50	17%
24	Liberal Studies	17	12	70%	10	58%
25	Library Sciences	239	114	47%	54	22%
26	Life Sciences	182	83	45%	36	19%
27	Mathematics	135	54	40%	27	20%
30	Interdisciplinary Studies	30	58	>100%	32	>100%
31	Parks and Recreation	11	6	54%	4	36%
34	Health Related Activities	0	0	0%	0	0%
36	Leisure/Recreational Activitie	11	0	0%	0	0%
38	Philosophy and Religion	62	7	11%	5	8%
39	Theology	103	5	4%	4	3%
40	Physical Sciences	243	72	29%	42	17%
41	Science Technology	0	4	0%	2	0%
42	Psychology	290	88	30%	33	11%
43	Protective Services	32	33	>100%	11	34%
44	Public Affairs	949	392	41%	185	19%
45	Social Sciences	327	216	66%	75	22%
46	Construction Trades	0	0	0%	0	0%
47	Mechanics and Repairers	0	0	0%	0	0%
48	Precision Production	0	0	0%	0	0%
49	Transportation and Material Mo	0	24	0%	18	0%
50	Visual and Performing Arts	356	160	44%	59	16%
Totals/Averages		14172	6255	44%	2808	19%
						44%

* Data from Michigan Department of Education

** Data from institutions responding to this survey

TABLE 7
Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un- employed	Percent in School	Percent Reporting Other Salaries	Number Reporting Salaries	Average Yearly Salaries
			Employed Full Time	Employed Full Time	Michigan	Other						
			Michigan	Other	Unknown	Michigan						
Agribus/AgriSci/Renew/NatRes												
1.0103	Agricultural Economics	5	3	60%	66%	33%	0%	0%	40%	0%	2	\$31,500
1.9999	Packaging	16	15	93%	100%	0%	0%	0%	6%	0%	9	\$37,096
2.0201	Agricultural Science	2	1	50%	100%	0%	0%	0%	50%	0%	0	\$0
2.0301	Food Sciences	4	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
2.0402	Agronomy	3	2	66%	50%	50%	0%	0%	33%	0%	1	\$24,600
2.0403	Horticulture Science	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
3.0101	Resource Development	3	2	66%	50%	0%	50%	33%	0%	0%	2	\$27,246
3.0302	Fisheries	1	0	0%	0%	0%	0%	0%	0%	100%	0	\$0
3.0501	Soil Sciences	4	3	75%	66%	33%	0%	0%	25%	0%	0	\$0
3.0601	Wildlife Management	2	1	50%	100%	0%	0%	0%	50%	0%	0	\$0
Totals		41	27	65%	85%	11%	3%	2%	29%	2%	14	\$33,997
Architecture												
4.0201	Architecture	8	8	100%	100%	0%	0%	0%	0%	0%	0	\$0
4.0301	Land Use Analysis	6	5	83%	80%	0%	20%	16%	16%	0%	4	\$27,041
4.0501	Interior Design	6	4	66%	100%	0%	0%	0%	16%	16%	0	\$0
4.0601	Landscape Architecture	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$30,000
Totals		21	18	85%	88%	0%	11%	4%	9%	4%	5	\$27,633
Area and Ethnic Studies												
5.0101	African Studies	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$26,004
5.0102	American Studies	3	1	33%	100%	0%	0%	0%	100%	0%	0	\$0
5.0103	Asian Studies, General	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
Totals		5	2	40%	50%	0%	50%	0%	80%	0%	1	\$26,004
Business/Office Marketing												
6.0101	Business and Management, General	26	24	92%	95%	4%	0%	3%	0%	3%	10	\$41,400
6.0201	Accounting	19	12	63%	91%	0%	8%	26%	10%	0%	7	\$35,011
6.0301	Banking and Finance	35	32	91%	93%	6%	0%	5%	0%	2%	22	\$36,554
6.0401	Business Admin. and Management, Gen	164	152	92%	93%	5%	1%	6%	0%	3%	22	\$45,775
6.0402	Material Management and Purchasing	9	7	77%	85%	14%	0%	22%	0%	0%	7	\$32,760
6.0501	Business Economics	7	4	57%	100%	0%	0%	28%	14%	0%	0	\$0
6.0601	Human Resources Development	10	7	70%	100%	0%	0%	30%	0%	0%	7	\$37,968
6.0701	Institutional Management	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
6.0705	Transportation Management	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$38,760
6.1101	Labor/Industrial Relations	43	39	90%	71%	28%	0%	6%	4%	0%	33	\$36,940
6.1302	Operations Research	8	7	87%	100%	0%	0%	12%	12%	0%	6	\$39,850
6.1399	Management Science	18	14	77%	100%	0%	0%	11%	0%	11%	10	\$41,820
6.1401	Marketing Management	6	5	83%	100%	0%	0%	16%	0%	0%	0	\$0
6.1901	Taxation	11	11	100%	81%	18%	0%	0%	0%	0%	8	\$46,884

Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Unemployed	Percent in School	Percent Employed	Number Reporting Other Salaries	Average Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown							
Business/Office Marketing (Cont.)														
6.2101	MBA - N. T.	129	118	91%	94%	5%	0%	3%	11%	4%	97	\$41,958		
6.2201	MBA - Tech.	46	46	100%	97%	2%	0%	0%	10%	0%	39	\$55,318		
6.9999	Business and Management, Other	4	3	75%	66%	33%	0%	25%	0%	0%	3	\$39,240		
8.0102	Fashion Merchandising	10	7	70%	100%	0%	0%	20%	10%	10%	0	\$0		
8.0201	Business Marketing	30	22	73%	90%	9%	0%	23%	3%	0%	15	\$38,880		
8.0799	General Marketing	3	3	100%	0%	0%	100%	0%	0%	0%	3	\$37,836		
8.1140	Plant Brd & Gen/Corp & SS	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$23,004		
Totals		582	516	88%	91%	6%	1%	8%	4%	2%	292	\$42,326		
Communications/Comm Technology														
9.0101	Communications	9	7	77%	100%	0%	0%	22%	0%	0%	2	\$41,004		
9.0201	Advertising	28	22	78%	86%	13%	0%	14%	7%	0%	14	\$24,720		
9.0401	Journalism (Mass Communication)	4	2	50%	100%	0%	0%	25%	25%	0%	2	\$21,996		
9.0501	Public Relations	10	7	70%	100%	0%	0%	30%	0%	0%	4	\$36,708		
9.0701	Telecommunications	8	4	50%	75%	25%	0%	37%	25%	0%	2	\$34,500		
Totals		59	42	71%	90%	9%	0%	22%	8%	0%	24	\$28,663		
Computer Science														
11.0101	Computer and Information Science	71	59	83%	94%	5%	0%	12%	5%	4%	13	\$44,653		
11.0401	Information Sciences	13	13	100%	84%	7%	7%	0%	0%	0%	5	\$35,714		
11.9999	Computer/Information Science, Other	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0		
Totals		86	74	86%	93%	5%	1%	10%	4%	3%	18	\$42,170		
Education														
13.0101	Education, General	54	52	96%	98%	0%	1%	0%	0%	3%	46	\$33,277		
13.0301	Curriculum and Instruction	65	59	90%	100%	0%	0%	7%	0%	1%	40	\$33,276		
13.0401	Education Administration	31	30	96%	96%	3%	0%	3%	0%	0%	22	\$34,561		
13.0402	Admin. of Special Education	5	3	60%	0%	0%	100%	0%	20%	20%	3	\$27,396		
13.0405	Elem. and Sec. Education Admin.	43	39	90%	89%	10%	0%	2%	0%	6%	14	\$35,619		
13.0406	Higher Education Administration	12	10	83%	100%	0%	0%	16%	0%	0%	9	\$26,868		
13.0601	Evaluation and Research, General	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$24,996		
13.0801	School Psychology	8	5	62%	100%	0%	0%	12%	25%	0%	3	\$30,600		
13.1001	Special Education, General	71	68	95%	98%	0%	1%	2%	0%	1%	39	\$33,607		
13.1003	Education of the Deaf	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0		
13.1005	Ed. of Emotionally Handicapped	9	9	100%	100%	0%	0%	0%	0%	0%	0	\$0		
13.1006	Education of Mentally Handicapped	4	4	100%	100%	0%	0%	0%	0%	0%	0	\$0		
13.1008	Education, Physically Handicapped	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0		
13.1009	Education of Visually Handicapped	6	5	93%	100%	0%	0%	0%	16%	0%	0	\$0		
13.1011	Specific Learning Disabilities	33	29	87%	100%	0%	0%	6%	6%	0%	0	\$0		
13.1012	Speech Correction	11	11	100%	100%	0%	0%	0%	0%	0%	1	\$29,500		

Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Full Time	Percent Employed Full Time	Employment Location	Percent Un- employed	Percent in School	Percent Reporting Other Salaries	Number Reporting Salaries	Average Yearly Salaries	
Education (Cont.)											
13.1101	Student Counseling & Personnel Serv.	92	83	90%	100%	0%	0%	5%	4%	14	\$35,640
13.1202	Elementary Education	82	72	87%	100%	0%	0%	6%	1%	4	\$0
13.1204	Pre-Elementary Education	54	48	88%	100%	0%	0%	3%	0%	2	\$24,132
13.1205	Secondary Education	13	10	76%	100%	0%	0%	0%	0%	0	\$0
13.1302	Art Education	3	3	100%	100%	0%	0%	0%	0%	1	\$15,000
13.1303	Business Education	12	12	100%	100%	0%	0%	0%	0%	0	\$0
13.1305	English Education	1	0	0%	0%	0%	0%	0%	100%	0	\$0
13.1307	Health Education	64	56	87%	100%	0%	0%	7%	3%	1	\$33,060
13.1308	Home Economics Education	1	0	0%	0%	0%	0%	0%	100%	0	\$0
13.1309	Industrial Arts Education	4	3	75%	100%	0%	0%	25%	0%	1	\$33,996
13.1312	Music Education	3	1	33%	100%	0%	0%	0%	33%	0	\$0
13.1314	Physical Education	18	11	61%	90%	9%	0%	16%	22%	2	\$28,296
13.1315	Reading Education	19	14	73%	100%	0%	0%	15%	0%	10	\$31,648
13.1316	Science Education	2	2	100%	100%	0%	0%	0%	0%	0	\$0
13.1317	Social Science Education	1	1	100%	100%	0%	0%	0%	0%	0	\$0
13.1319	Technical Education	23	21	91%	95%	4%	0%	0%	8%	1	\$50,000
13.1401	Teaching English/2nd Language	60	55	91%	100%	0%	0%	5%	3%	0	\$0
13.9999	Education, Other	1	1	100%	0%	100%	0%	0%	0%	1	\$23,904
Totals		808	720	89%	98%	1%	0%	5%	2%	211	\$33,071
Engineering/Related Technology											
14.0201	Aerospace/Aeronautical/Astronautical	17	10	58%	60%	40%	0%	11%	23%	9	\$38,422
14.0301	Agricultural Engineering	2	2	100%	50%	50%	0%	0%	0%	1	\$33,000
14.0501	Biomedical & Bioengineering	1	0	0%	0%	0%	0%	0%	100%	0	\$0
14.0701	Chemical Engineering	13	8	61%	62%	37%	0%	7%	38%	6	\$41,812
14.0801	Civil Engineering	34	22	64%	59%	40%	0%	14%	17%	13	\$32,471
14.0901	Computer Engineering	48	33	68%	72%	27%	0%	2%	31%	11	\$43,446
14.1001	Electrical/Electronics/Comm.	68	54	79%	51%	42%	5%	10%	17%	62	\$40,610
14.1101	Mechanics Engineering	7	3	42%	66%	33%	0%	0%	42%	1	\$39,996
14.1501	Geological Engineering	2	2	100%	0%	100%	0%	0%	0%	0	\$0
14.1701	Industrial Engineering	22	46	20%	58%	41%	0%	22%	13%	4	\$40,477
14.1801	Materials Engineering	12	6	50%	83%	16%	0%	8%	33%	3	\$40,485
14.1901	Mechanical Engineering	69	53	76%	75%	18%	5%	8%	18%	63	\$40,307
14.2001	Metallurgical Engineering	6	4	66%	75%	25%	0%	16%	16%	4	\$37,573
14.2201	Naval Architecture/Marine Engineer	3	2	66%	0%	100%	0%	33%	0%	0	\$0
14.2301	Nuclear Engineering	5	4	80%	0%	75%	25%	0%	20%	6	\$40,027
14.9999	Engineering, Other	8	7	87%	57%	0%	42%	12%	0%	1	\$39,996
15.0603	Industrial Technology	12	9	75%	100%	0%	0%	16%	8%	0	\$0
15.9999	Engineering Technology, Other	11	10	90%	100%	0%	0%	0%	9%	0	\$0
Totals		340	275	80%	64%	32%	3%	9%	20%	193	\$39,922

Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un-Employed	Percent in School	Percent Other	Number Reporting	Average Salaries
			Employed	Employed	Full	Full						
			Time	Time	Mich	Other						
Foreign Language												
16.0301	Chinese	2	0	0%	0%	0%	0%	50%	50%	0%	0	\$0
16.0501	German	4	1	25%	100%	0%	0%	25%	50%	0%	0	\$0
16.0601	Greek	1	1	100%	100%	0%	0%	0%	100%	0%	0	\$0
16.0901	French	5	1	20%	100%	0%	0%	0%	80%	0%	0	\$0
16.0905	Spanish	3	3	100%	100%	0%	0%	0%	0%	0%	2	\$27,000
Totals		15	6	40%	100%	0%	0%	13%	53%	0%	2	\$27,000
Health Science												
17.0208	Nuclear Medical Technology	11	11	100%	100%	0%	0%	0%	0%	0%	0	\$0
17.0407	Rehabilitation Counselling	8	7	87%	100%	0%	0%	12%	0%	0%	7	\$31,092
17.0504	Medical Illustrations	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$24,996
17.0599	Allied Health Services	5	5	100%	60%	40%	0%	0%	0%	0%	4	\$36,250
17.0807	Occupational Therapy	2	2	100%	50%	50%	0%	0%	0%	0%	2	\$32,250
18.0101	Audiology and Speech Pathology	1	1	100%	100%	0%	0%	0%	100%	0%	1	\$29,500
18.0202	Clinical Biochemistry	3	1	33%	100%	0%	0%	0%	66%	0%	0	\$0
18.0601	Epidemiology	3	0	0%	0%	0%	0%	0%	66%	33%	0	\$0
18.0701	Health Care Administration	10	7	70%	100%	0%	0%	0%	0%	0%	0	\$0
18.1001	Human Medicine	1	0	0%	0%	0%	0%	0%	100%	100%	0	\$0
18.1099	Medicine, Other	1	0	0%	0%	0%	0%	0%	100%	100%	0	\$0
18.1101	Nursing, General	53	47	88%	95%	4%	0%	3%	16%	7%	42	\$36,267
18.1102	Anesthetist	5	5	100%	100%	0%	0%	0%	40%	0%	4	\$31,800
18.1104	Medical Surgical	2	1	50%	0%	0%	100%	0%	0%	50%	1	\$36,000
18.1105	Nursing Administration	4	4	100%	100%	0%	0%	0%	0%	0%	1	\$38,196
18.1107	Public Health	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
18.1199	Nursing, Other	2	2	100%	50%	50%	0%	0%	0%	0%	2	\$37,500
18.1401	Pharmacy	3	3	100%	66%	33%	0%	0%	0%	0%	2	\$45,000
18.1601	Population and Family Planning	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$24,000
18.2401	Veterinary Medicine	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$39,504
18.9999	Health Science, Other	5	2	40%	0%	0%	100%	0%	0%	60%	2	\$28,752
Totals		123	102	82%	88%	6%	4%	2%	14%	8%	71	\$37,919
Home Economics/Vocational												
19.0101	Home Economics, General	8	8	100%	100%	0%	0%	0%	0%	0%	0	\$0
19.0199	Home Economics, Other	15	12	80%	91%	8%	0%	20%	0%	0%	5	\$26,544
19.0301	Family and Community Services	3	2	66%	50%	50%	0%	33%	0%	0%	2	\$22,356
19.0401	Family/Consumer Resource Management	3	2	66%	100%	0%	0%	0%	33%	0%	0	\$0
19.0403	Family Economics	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
19.0501	Food Science and Human Nutrition	24	22	91%	90%	9%	0%	4%	0%	4%	0	\$0
19.0503	Dietetics/Human Nutrition Services	5	5	100%	80%	20%	0%	0%	0%	0%	2	\$29,952
19.0704	Family Relations	9	0	0%	0%	0%	0%	44%	55%	0%	0	\$0
19.0754	Geriatric Services	4	4	100%	100%	0%	0%	0%	0%	0%	3	\$29,172
19.0801	International/Comparative Home Econ.	5	1	20%	100%	0%	0%	20%	20%	20%	0	\$50,004

Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed		Employment Location			Percent Un-Employed		Percent in School		Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Michigan	Other	Unknown	Employed	Un-Employed	School	Other	Percent Reporting Salaries	Average Yearly Salaries		
Home Economics/Vocational (Cont.)															
19.0903	Textiles and Clothing, Retail	2	2	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0	\$0
20.0406	Food Services	1	1	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0	\$0
Totals		80	59	73%	91%	8%	0%	13%	8%	2%	12	\$27,071			
Law															
22.0101	Law	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$90,000			
Totals		1	1	100%	100%	0%	0%	0%	0%	0%	1	\$90,000			
Letters															
23.0101	English, General	30	18	60%	100%	0%	0%	13%	16%	16%	10	\$29,351			
23.0501	Creative Writing	4	3	75%	33%	0%	66%	0%	25%	0%	3	\$27,172			
23.0601	Linguistics (Semantics/Philology)	3	0	0%	0%	0%	0%	0%	100%	33%	0	\$0			
23.0801	Literature, English	4	0	0%	0%	0%	0%	25%	75%	0%	0	\$0			
23.0901	Rhetoric	6	5	83%	60%	40%	0%	16%	0%	0%	4	\$33,588			
23.1001	Speech, Debate, Forensics	3	2	66%	100%	0%	0%	0%	0%	33%	0	\$0			
Totals		50	28	56%	85%	7%	7%	12%	24%	14%	17	\$29,963			
Liberal Studies															
24.0101	Liberal/General Studies	10	3	30%	100%	0%	0%	10%	10%	80%	1	\$30,000			
Totals		10	3	30%	100%	0%	0%	10%	10%	80%	1	\$30,000			
Library and Archival Sciences															
25.0101	Library and Archival Science	46	29	63%	89%	10%	0%	13%	19%	23%	28	\$25,825			
25.0401	Library Science	8	5	62%	0%	0%	100%	25%	0%	12%	5	\$26,328			
Totals		54	34	62%	76%	8%	14%	14%	16%	22%	33	\$25,901			
Life Sciences															
26.0101	Biology, General	26	19	73%	94%	5%	0%	3%	30%	11%	7	\$24,285			
26.0301	Botany	4	2	50%	100%	0%	0%	0%	50%	0%	1	\$21,000			
26.0701	Zoology	4	1	25%	100%	0%	0%	0%	75%	0%	0	\$0			
26.0702	Entomology	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$24,996			
26.0703	Genetics, Human and Animal	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$27,996			
Totals		36	24	66%	91%	4%	4%	2%	36%	8%	10	\$24,399			

Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Un- employed	Percent in School	Percent Other Salaries	Number Reporting	Average Yearly Salaries
			Full Time	Full Time	Michigan	Other	Unknown							
Mathematics														
27.0101	Mathematics	7	4	57%	75%	0%	25%	0%	28%	14%	3	\$31,031		
27.0301	Applied Mathematics	4	0	0%	0%	0%	0%	50%	50%	0%	0	\$0		
27.0501	Statistics	11	4	36%	75%	25%	0%	9%	54%	9%	2	\$37,000		
27.9999	Math (Other)	5	4	80%	100%	0%	0%	0%	20%	0%	2	\$36,996		
Totals		27	12	44%	83%	3%	8%	11%	40%	7%	7	\$34,441		
Interdisciplinary Studies														
30.0101	Biological and Physical Sciences	24	20	83%	100%	0%	0%	12%	0%	4%	0	\$0		
30.9999	Multi-Interdisciplinary Studies	8	8	100%	100%	0%	0%	0%	0%	0%	3	\$24,336		
Totals		32	28	87%	100%	0%	0%	9%	0%	3%	3	\$24,336		
Parks and Recreation														
31.0301	Parks and Recreation Management	4	3	75%	33%	33%	33%	0%	25%	0%	1	\$24,000		
Totals		4	3	75%	33%	33%	33%	0%	25%	0%	1	\$24,000		
Citizenship/Civic Activities														
35.0101	Interpersonal Skill, General	30	23	76%	0%	0%	100%	3%	0%	20%	23	\$24,228		
Totals		30	23	76%	0%	0%	100%	3%	0%	20%	23	\$24,228		
Philosophy, Religion and Theology														
38.0101	Philosophy	5	0	0%	0%	0%	0%	0%	80%	20%	0	\$0		
39.9999	Theology, Other	4	4	100%	100%	0%	0%	0%	0%	0%	0	\$0		
Totals		9	4	44%	100%	0%	0%	0%	44%	11%	0	\$0		
Physical Sciences														
40.0401	Atmospheric Science and Meteorology	3	2	66%	100%	0%	0%	0%	33%	0%	1	\$34,000		
40.0501	Chemistry, General	12	5	41%	100%	0%	0%	0%	50%	8%	2	\$38,256		
40.0601	Geology	3	1	33%	100%	0%	0%	0%	66%	0%	0	\$0		
40.0801	Physics, General	24	4	16%	25%	25%	50%	12%	75%	0%	2	\$25,500		
Totals		42	12	28%	75%	8%	16%	7%	64%	2%	5	\$32,302		

Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Un- Employed		Percent in School		Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Michigan	Other	Unknown	Un- Employed	in School	Percent Un- Employed	in School	Percent Other			
Science Technology															
41.0301	Chemical Technology	2	2	100%	100%	0%	0%	0%	0%	0%	0%	0%	0	\$0	
Totals		2	2	100%	100%	0%	0%	0%	0%	0%	0%	0%	0	\$0	
Psychology															
42.0101	Psychology, General	23	12	52%	91%	8%	0%	8%	65%	13%	9	\$30,333			
42.0601	Counseling Psychology	6	2	33%	100%	0%	0%	33%	0%	50%	0	\$20,004			
42.9999	Psychology, Other	4	4	100%	100%	0%	0%	0%	0%	0%	0	\$24,996			
Totals		33	18	54%	94%	5%	0%	12%	45%	18%	9	\$30,333			
Protective Services and Public Affairs															
43.0101	Correctional Administration	4	4	100%	100%	0%	0%	0%	0%	0%	4	\$33,600			
43.0104	Criminal Justice Studies	4	3	75%	100%	0%	0%	0%	25%	25%	2	\$40,000			
43.0108	Law Enforcement Administration	3	2	66%	100%	0%	0%	0%	0%	0%	0	\$21,996			
44.0401	Public Administration	32	30	93%	90%	0%	10%	6%	0%	0%	10	\$35,962			
44.0501	Public Policy Studies	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$28,596			
44.0701	Social Work, General	136	114	83%	93%	5%	0%	9%	6%	6%	103	\$26,220			
44.0799	Social Work, Other	16	9	56%	0%	0%	100%	12%	18%	12%	9	\$24,552			
Totals		196	163	83%	87%	3%	8%	8%	6%	6%	129	\$27,320			
Social Sciences															
45.0101	Social Science	3	3	100%	100%	0%	0%	0%	0%	0%	0	\$0			
45.0201	Anthropology	1	1	100%	0%	0%	100%	0%	100%	0%	0	\$0			
45.0501	Demography	2	1	50%	0%	100%	0%	0%	50%	50%	1	\$40,000			
45.0601	Economics	12	5	41%	100%	0%	0%	8%	50%	33%	1	\$42,000			
45.0701	Geography	4	2	50%	100%	0%	0%	25%	25%	0%	1	\$26,004			
45.0801	History	31	12	38%	91%	0%	8%	19%	38%	6%	4	\$23,626			
45.1001	Political Science and Government	14	11	78%	81%	9%	9%	0%	7%	0%	9	\$32,820			
45.1101	Sociology	8	3	37%	100%	0%	0%	37%	25%	12%	2	\$30,833			
Totals		75	38	50%	86%	5%	7%	14%	32%	10%	18	\$31,087			
Transportation and Material Moving															
49.0203	Material Handling	18	14	77%	100%	0%	0%	16%	0%	5%	0	\$0			
Totals		18	14	77%	100%	0%	0%	16%	0%	5%	0	\$0			

Placement Results for 1990-91 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location			Percent Un- employed		Percent in School		Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Michigan	Other	Unknown	Employed	School	Other						
Visual and Performing Arts																
50.0501	Dramatic Arts	8	6	75%	83%	16%	0%	0%	12%	12%	2	\$28,250				
50.0701	Fine Arts, General	2	0	0%	0%	0%	0%	50%	0%	50%	0	\$0				
50.0703	Art History and Appreciation	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0				
50.0704	Arts Management	5	4	80%	100%	0%	0%	20%	0%	0%	0	\$0				
50.0799	Fine Arts, Other	3	3	100%	100%	0%	0%	0%	0%	0%	1	\$31,950				
50.0801	Graphic Arts Technology	5	5	100%	100%	0%	0%	0%	0%	0%	0	\$0				
50.0901	Music, General	9	7	77%	100%	0%	0%	11%	0%	11%	2	\$32,000				
50.0902	Music History and Appreciation	2	1	50%	100%	0%	0%	50%	0%	0%	1	\$20,004				
50.0903	Applied Music	23	8	34%	75%	0%	25%	8%	34%	17%	4	\$25,578				
Totals		59	36	61%	91%	2%	5%	10%	15%	11%	10	\$27,477				
Grand Totals		2898	2330	80%	86%	7%	5%	7%	10%	5%	1156	\$35,235				

DOCTORAL GRADUATES

TABLE 8
Doctorals and Professionals
Degrees Conferred Compared to Graduates Reported and Responding by
Participating Institutions for Major Curriculum Areas 1990-91

CIP	Curriculum Area	Total *	Total **	Total **	Percent of Responded	
		Degrees Conferred	Number of Grads Reported	Percent of Conferred		
1	Agribusiness	12	12	100%	4	33%
2	Agricultural Sciences	24	23	95%	6	25%
3	Renewable Natural Resources	26	16	61%	5	19%
4	Architecture	16	0	0%	0	0%
5	Area And Ethnic Studies	6	0	0%	0	0%
6	Business and Management	37	10	27%	4	10%
7	Business and Office	0	0	0%	0	0%
8	Marketing and Distribution	0	10	0%	3	0%
9	Communications	12	8	66%	6	50%
10	Communications Technology	0	0	0%	0	0%
11	Computer Science	11	25	>100%	3	27%
12	Consumer, Personal, Misc. Serv	0	0	0%	0	0%
13	Education	283	98	34%	42	14%
14	Engineering	237	276	>100%	64	27%
15	Engineering Related Technology	0	0	0%	0	0%
16	Foreign Language	18	6	33%	5	27%
17	Allied Health	0	0	0%	0	0%
18	Health Sciences	985	613	62%	280	28%
19	Home Economics	11	11	100%	2	18%
20	Vocational Home Economics	0	0	0%	0	0%
21	Industrial Arts	0	0	0%	0	0%
22	Law	1411	188	13%	51	3%
23	Letters	46	17	36%	9	19%
24	Liberal Studies	2	0	0%	0	0%
25	Library Sciences	8	0	0%	0	0%
26	Life Sciences	152	83	54%	37	24%
27	Mathematics	44	18	40%	8	18%
30	Interdisciplinary Studies	16	0	0%	0	0%
31	Parks and Recreation	3	3	100%	0	0%
34	Health Related Activities	0	0	0%	0	0%
36	Leisure/Recreational Activitie	0	0	0%	0	0%
38	Philosophy and Religion	16	4	25%	2	12%
39	Theology	203	0	0%	0	0%
40	Physical Sciences	165	90	54%	42	25%
41	Science Technology	7	0	0%	0	0%
42	Psychology	99	69	69%	28	28%
43	Protective Services	0	0	0%	0	0%
44	Public Affairs	2	0	0%	0	0%
45	Social Sciences	118	55	46%	23	19%
46	Construction Trades	0	0	0%	0	0%
47	Mechanics and Repairers	0	0	0%	0	0%
48	Precision Production	0	0	0%	0	0%
49	Transportation and Material Mo	0	0	0%	0	0%
50	Visual and Performing Arts	34	8	23%	5	14%
Totals/Averages		4004	1643	41%	629	15%
						38%

* Data from Michigan Department of Education

** Data from institutions responding to this survey

TABLE 9
Placement Results for 1990-91 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un- employed	Percent in School	Percent Other	Number Reporting Salaries	Average Salaries
			Employed Full Time	Employed Full Time	Michigan	Other						
			Michigan	Other	Unknown	Michigan						
Agribus/AgriSci/RenewNatRes												
1.0103	Agricultural Economics	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$35,004
1.9999	Packaging	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$44,280
2.0201	Agricultural Science	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$23,004
2.0301	Food Sciences	2	2	100%	100%	0%	0%	0%	0%	0%	1	\$21,000
2.0402	Agronomy	2	1	50%	100%	0%	0%	50%	0%	0%	1	\$26,004
2.0403	Horticulture Science	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$39,996
3.0101	Resource Development	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$36,000
3.0501	Soil Sciences	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
3.0601	Wildlife Management	3	3	100%	100%	0%	0%	0%	0%	0%	1	\$36,000
Totals		15	14	93%	100%	0%	0%	6%	0%	0%	10	\$34,057
Business/Office Marketing												
6.0201	Accounting	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$63,924
6.0403	Business Administration	2	2	100%	50%	50%	0%	0%	0%	0%	1	\$50,004
8.0201	Business Marketing	3	3	100%	100%	0%	0%	0%	0%	0%	3	\$57,396
Totals		7	7	100%	85%	14%	0%	0%	0%	0%	6	\$58,340
Communications/Comm Technology												
9.0101	Communications	4	3	75%	100%	0%	0%	0%	0%	25%	1	\$29,004
9.9999	Communications, Other	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$33,504
Totals		6	5	83%	100%	0%	0%	0%	0%	16%	3	\$32,004
Computer Science												
11.0101	Computer and Information Science	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$48,000
11.0201	Computer Programming	2	1	50%	0%	100%	0%	0%	0%	0%	0	\$0
Totals		3	2	66%	50%	50%	0%	0%	0%	0%	1	\$48,000
Education												
13.0101	Education, General	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
13.0301	Curriculum and Instruction	6	6	100%	100%	0%	0%	0%	0%	0%	6	\$35,496
13.0401	Education Administration	15	15	100%	100%	0%	0%	0%	0%	0%	12	\$50,744
13.0406	Higher Education Administration	10	9	90%	100%	0%	0%	10%	0%	0%	8	\$44,304
13.0604	Educational Testing and Evaluation	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
13.0801	School Psychology	6	6	100%	100%	0%	0%	0%	0%	0%	5	\$37,560
13.1101	Student Counseling & Personnel Serv.	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$39,000
13.1305	English Education	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
13.1312	Music Education	1	1	100%	0%	0%	100%	0%	0%	0%	1	\$33,000
Totals		42	39	92%	97%	0%	2%	7%	0%	0%	33	\$43,519

Placement Results for 1990-91 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un- employed	Percent in School	Percent Reporting Other Salaries	Number Reporting Other Salaries	Average Yearly Salaries
			Employed Full Time	Employed Full Time	Michigan	Other						
			Michigan	Other	Unknown	Michigan						
Engineering/Related Technology												
14.0101	Engineering, General	3	3	100%	66%	33%	0%	0%	0%	0%	3	\$49,680
14.0301	Agricultural Engineering	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$30,996
14.0701	Chemical Engineering	5	1	20%	0%	100%	0%	0%	20%	40%	6	\$58,104
14.0801	Civil Engineering	5	5	100%	80%	20%	0%	0%	0%	0%	1	\$23,004
14.0901	Computer Engineering	6	5	83%	80%	20%	0%	16%	0%	0%	2	\$47,000
14.1001	Electrical/Electronics/Comm.	13	12	92%	25%	66%	8%	0%	0%	7%	19	\$58,088
14.1101	Mechanics Engineering	6	3	50%	100%	0%	0%	33%	0%	0%	0	\$0
14.1701	Industrial Engineering	3	3	100%	33%	33%	33%	0%	0%	0%	2	\$46,898
14.1801	Materials Engineering	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
14.1901	Mechanical Engineering	14	11	78%	72%	18%	9%	0%	7%	7%	6	\$49,011
14.2001	Metallurgical Engineering	5	5	100%	80%	20%	0%	0%	0%	0%	4	\$52,260
14.2201	Naval Architecture/Marine Engineer	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
14.2301	Nuclear Engineering	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
Totals		64	49	76%	61%	32%	6%	7%	4%	6%	44	\$53,302
Foreign Language												
16.0501	German	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
16.0901	French	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0
16.0905	Spanish	2	2	100%	100%	0%	0%	0%	0%	0%	?	\$30,444
Totals		5	5	100%	100%	0%	0%	0%	0%	0%	2	\$30,444
Health Science												
18.0199	Audiology/Speech Pathology (Other)	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
18.1001	Human Medicine	132	125	94%	66%	33%	0%	2%	13%	0%	31	\$26,108
18.1018	Pathology	1	1	100%	0%	100%	0%	0%	0%	0%	0	\$0
18.1099	Medicine, Other	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$26,300
18.1101	Nursing, General	3	3	100%	100%	0%	0%	0%	0%	0%	3	\$41,500
18.1201	Optometry	25	23	92%	65%	34%	0%	4%	4%	0%	0	\$0
18.1301	Osteopathic Medicine	97	97	100%	89%	10%	0%	0%	0%	0%	0	\$0
18.1401	Pharmacy	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
18.2401	Veterinary Medicine	17	14	82%	64%	35%	0%	11%	5%	0%	11	\$28,740
18.9999	Health Science, Other	2	2	100%	0%	0%	100%	0%	0%	0%	2	\$18,996
Totals		280	266	95%	74%	24%	0%	2%	7%	0%	48	\$27,381
Home Economics/Vocational												
19.0503	Dietetics/Human Nutrition Services	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
19.0701	Individual and Family Development	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$39,996
Totals		2	2	100%	100%	0%	0%	0%	0%	0%	1	\$39,996

Placement Results for 1990-91 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location			Percent Un- employed		Percent in School		Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown	Employed	Un- employed	School	Other	Percent	Percent	Percent		
Law																
22.0101	Law	51	43	84%	100%	0%	0%	7%	11%	7%	41	\$40,309				
Totals																
Letters																
23.0101	English, General	4	2	50%	100%	0%	0%	50%	0%	0%	2	\$38,502				
23.0601	Linguistics (Semantics/Philology)	3	3	100%	100%	0%	0%	0%	0%	0%	1	\$27,996				
23.0801	Literature, English	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0				
23.1001	Speech, Debate, Forensics	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$32,900				
Totals																
Life Sciences																
26.0101	Biology, General	3	3	100%	66%	33%	0%	0%	33%	0%	0	\$0				
26.0201	Biochemistry and Biophysics	8	7	87%	100%	0%	0%	0%	12%	0%	1	\$24,000				
26.0301	Botany	5	5	100%	80%	20%	0%	0%	0%	0%	0	\$0				
26.0401	Cell and Molecular Biology	1	1	100%	0%	100%	0%	0%	0%	0%	0	\$0				
26.0501	Microbiology	5	5	100%	80%	20%	0%	0%	0%	0%	1	\$45,000				
26.0608	Neurosciences	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0				
26.0701	Zoology	4	4	100%	100%	0%	0%	0%	0%	0%	0	\$0				
26.0702	Entomology	4	3	75%	100%	0%	0%	0%	25%	0%	0	\$0				
26.0703	Genetics, Human and Animal	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0				
26.0706	Physiology	4	2	50%	100%	0%	0%	0%	50%	0%	3	\$32,664				
Totals																
Mathematics																
27.0101	Mathematics	3	2	66%	100%	0%	0%	33%	0%	0%	1	\$24,996				
27.0301	Applied Mathematics	2	2	100%	100%	0%	0%	0%	0%	0%	0	\$0				
27.0501	Statistics	3	3	100%	66%	33%	0%	0%	0%	0%	1	\$51,000				
Totals																
Philosophy, Religion and Theology																
38.0101	Philosophy	2	2	100%	50%	50%	0%	0%	0%	0%	0	\$0				
Totals																

Placement Results for 1990-91 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for All Groups

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Un- employed	Percent in School	Percent Reporting Other Salaries	Number Reporting Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown						
Physical Sciences													
40.0401	Atmospheric Science and Meteorology	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0	\$0
40.0501	Chemistry, General	26	26	100%	76%	19%	3%	0%	3%	0%	6	\$51,569	
40.0599	Chemistry, Other	1	0	0%	0%	0%	0%	0%	0%	100%	0	\$0	
40.0601	Geology	2	2	100%	50%	50%	0%	0%	0%	0%	1	\$27,996	
40.0801	Physics, General	12	10	83%	80%	10%	10%	8%	8%	0%	4	\$33,999	
Totals		42	38	90%	76%	18%	5%	2%	7%	2%	11	\$43,057	
Psychology													
42.0101	Psychology, General	19	16	84%	56%	37%	6%	0%	5%	10%	15	\$34,378	
42.0201	Clinical Psychology	5	4	80%	100%	0%	0%	0%	0%	20%	0	\$0	
42.0601	Counseling Psychology	2	2	100%	100%	0%	0%	0%	0%	0%	2	\$48,996	
42.9999	Psychology, Other	2	1	50%	100%	0%	0%	0%	0%	50%	0	\$32,004	
Totals		28	23	82%	69%	26%	4%	0%	3%	14%	17	\$36,098	
Social Sciences													
45.0101	Social Science	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0	
45.0201	Anthropology	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$26,004	
45.0601	Economics	2	2	100%	100%	0%	0%	0%	0%	0%	1	\$33,500	
45.0801	History	12	9	75%	66%	0%	33%	8%	0%	16%	3	\$31,332	
45.1001	Political Science and Government	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$35,000	
45.1101	Sociology	6	4	66%	75%	25%	0%	16%	0%	16%	3	\$39,999	
Totals		23	18	78%	77%	5%	16%	8%	0%	13%	9	\$34,277	
Visual and Performing Arts													
50.0501	Dramatic Arts	2	2	100%	50%	50%	0%	0%	0%	0%	0	\$0	
50.0902	Music History and Appreciation	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0	
50.0903	Applied Music	2	2	100%	100%	0%	0%	0%	0%	0%	1	\$26,004	
Totals		5	4	80%	75%	25%	0%	20%	0%	0%	1	\$26,004	
Grand Totals		909	829	91%	77%	20%	1%	3%	6%	1%	286	\$37,764	

MINORITY BACHELOR'S GRADUATES

TABLE 10
Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

CIP No.	Curriculum Area	Number Responding	Number		Percent		Employment Location	Percent Un- employed	Percent in School	Percent Reporting Other Salaries	Number Reporting Yearly Salaries	
			Employed	Employed	Employed	Location						
			Full Time	Full Time	Full Time	Michigan	Other	Unknown				
Agribus/AgrSci/RenewNatRes												
1.0103	Agricultural Economics	10	8	80%	75%	25%	0%	10%	10%	0%	8	\$24,540
1.0601	Horticulture	2	1	50%	100%	0%	0%	0%	50%	0%	0	\$0
1.9999	Packaging	8	7	87%	85%	14%	0%	12%	0%	0%	5	\$33,204
2.0301	Food Sciences	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
3.0501	Soil Sciences	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
Totals		22	16	72%	81%	18%	0%	9%	18%	0%	13	\$27,872
Architecture												
4.0501	Interior Design	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$15,996
Totals		1	1	100%	100%	0%	0%	0%	0%	0%	1	\$15,996
Business/Office Marketing												
6.0201	Accounting	7	6	85%	100%	0%	0%	14%	0%	0%	4	\$32,751
6.0301	Banking and Finance	9	6	66%	66%	33%	0%	33%	0%	0%	4	\$27,204
6.0401	Business Admin. and Management, Gen	6	2	33%	50%	50%	0%	33%	16%	16%	2	\$28,902
6.0402	Material Management and Purchasing	5	5	100%	100%	0%	0%	0%	0%	0%	4	\$28,092
6.0601	Human Resources Development	2	1	50%	100%	0%	0%	0%	50%	0%	1	\$34,800
6.0701	Institutional Management	4	4	100%	25%	75%	0%	0%	0%	0%	3	\$27,264
8.0201	Business Marketing	10	6	60%	83%	16%	0%	30%	10%	0%	4	\$27,804
Totals		43	30	69%	76%	23%	0%	20%	6%	2%	22	\$28,991
Communications/Comm Technology												
9.0101	Communications	11	5	45%	80%	20%	0%	27%	27%	0%	3	\$22,256
9.0201	Advertising	3	3	100%	100%	0%	0%	0%	0%	0%	1	\$21,996
9.0401	Journalism (Mass Communication)	7	3	42%	66%	33%	0%	42%	14%	0%	2	\$22,596
9.0701	Telecommunications	3	3	100%	100%	0%	0%	0%	0%	0%	3	\$23,172
Totals		24	14	58%	85%	14%	0%	25%	16%	0%	9	\$22,608
Computer Science												
11.0101	Computer and Information Science	1	1	100%	0%	100%	0%	0%	0%	0%	0	\$0
Totals		1	1	100%	0%	100%	0%	0%	0%	0%	0	\$0
Education												
13.1202	Elementary Education	5	4	80%	75%	25%	0%	20%	0%	0%	2	\$14,250
13.1307	Health Education	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
13.1312	Music Education	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
Totals		7	4	57%	75%	25%	0%	42%	0%	0%	2	\$14,250

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

CIP No.	Curriculum Area	Number Responding	Number Employed	Percent Employed	Employment Location			Percent Un-Employed	Percent in School	Number Reporting Other Salaries	Average Yearly Salaries	
			Full Time	Full Time	Mich	Other	Unknown					
Engineering/Related Technology												
14.0101	Engineering, General	5	4	80%	75%	25%	0%	0%	20%	0%	4	\$30,096
14.0701	Chemical Engineering	3	3	100%	100%	0%	0%	0%	0%	0%	2	\$37,416
14.0801	Civil Engineering	5	4	80%	100%	0%	0%	0%	20%	0%	3	\$27,336
14.0901	Computer Engineering	6	4	66%	100%	0%	0%	0%	33%	0%	3	\$31,668
14.1001	Electrical/Electronics/Comm.	11	8	72%	87%	12%	0%	18%	9%	0%	4	\$34,872
14.1801	Materials Engineering	2	0	0%	0%	0%	0%	0%	100%	0%	0	\$0
14.1901	Mechanical Engineering	13	9	69%	100%	0%	0%	7%	23%	0%	6	\$35,796
14.2001	Metallurgical Engineering	1	1	100%	100%	0%	0%	0%	0%	0%	0	\$0
Totals		40	33	71%	93%	6%	0%	6%	21%	0%	22	\$33,022
Foreign Language												
16.0905	Spanish	1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
Totals		1	0	0%	0%	0%	0%	100%	0%	0%	0	\$0
Health Science												
18.0202	Clinical Biochemistry	2	1	50%	100%	0%	0%	0%	50%	0%	0	\$0
18.1101	Nursing, General	3	3	100%	100%	0%	0%	0%	0%	0%	3	\$30,020
Totals		5	4	80%	100%	0%	0%	0%	20%	0%	3	\$30,020
Home Economics/Vocational												
19.0301	Family and Community Services	3	1	33%	100%	0%	0%	66%	0%	0%	1	\$21,300
19.0501	Food Science and Human Nutrition	1	1	100%	0%	100%	0%	0%	0%	0%	0	\$0
19.0901	Textiles and Clothing	2	2	100%	0%	100%	0%	0%	0%	0%	0	\$0
19.0903	Textiles and Clothing, Retail	7	5	71%	60%	40%	0%	28%	0%	0%	4	\$21,288
20.0102	Child Development, Care & Guidance	1	1	100%	100%	0%	0%	0%	0%	0%	1	\$25,500
Totals		14	10	71%	50%	50%	0%	28%	0%	0%	6	\$21,992
Industrial Arts												
21.0102	Construction	4	4	100%	100%	0%	0%	0%	0%	0%	4	\$27,000
Totals		4	4	100%	100%	0%	0%	0%	0%	0%	4	\$27,000
Law												
22.0102	Pre-Law	7	5	71%	100%	0%	0%	14%	14%	0%	4	\$28,701
Totals		7	5	71%	100%	0%	0%	14%	14%	0%	4	\$28,701

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

CIP No.	Curriculum Area	Number Responding	Number Employed	Percent Employed	Employment Location			Percent Un- employed	Percent in School	Number Reporting Salaries	Average Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown				
Letters											
23.0101	English, General	8	6	75%	100%	0%	0%	12%	12%	0%	\$22,000
23.0601	Linguistics (Semantics/Philology)	1	0	0%	0%	0%	0%	0%	100%	0%	\$0
Totals		9	6	66%	100%	0%	0%	11%	22%	0%	\$22,000
Life Sciences											
26.0101	Biology, General	5	4	80%	100%	0%	0%	0%	20%	0%	\$28,452
26.0201	Biochemistry and Biophysics	2	1	50%	100%	0%	0%	50%	0%	0%	\$24,996
26.0501	Microbiology	3	0	0%	0%	0%	0%	0%	100%	0%	\$0
26.0701	Zoology	2	0	0%	0%	0%	0%	0%	100%	0%	\$0
26.0706	Physiology	3	1	33%	100%	0%	0%	0%	66%	0%	\$0
Totals		15	6	40%	100%	0%	0%	6%	53%	0%	\$26,724
Interdisciplinary Studies											
30.0401	Humanities and Social Science	5	1	20%	0%	100%	0%	20%	60%	0%	\$0
Totals		5	1	20%	0%	100%	0%	20%	60%	0%	\$0
Physical Sciences											
40.0801	Physics, General	2	1	50%	100%	0%	0%	0%	50%	0%	\$0
40.9999	Physical Sciences, Other	1	0	0%	0%	0%	0%	0%	100%	0%	\$0
Totals		3	1	33%	100%	0%	0%	0%	66%	0%	\$0
Psychology											
42.0101	Psychology, General	4	2	50%	0%	100%	0%	0%	50%	0%	\$23,700
Totals		4	2	50%	0%	100%	0%	0%	50%	0%	\$23,700
Protective Services and Public Affairs											
43.0101	Correctional Administration	10	4	40%	100%	0%	0%	40%	0%	0%	\$25,248
43.0104	Criminal Justice Studies	1	0	0%	0%	0%	0%	0%	100%	0%	\$0
44.0101	Public Affairs	7	1	14%	100%	0%	0%	42%	42%	0%	\$20,004
44.0401	Public Administration	2	1	50%	100%	0%	0%	50%	0%	0%	\$24,000
44.0701	Social Work, General	5	1	20%	100%	0%	0%	0%	60%	20%	\$17,004
Totals		25	7	28%	100%	0%	0%	32%	28%	4%	\$23,143

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Minorities

CIP No.	Curriculum Area	Number Responding	Number Employed		Percent Employed			Employment Location		Percent Un- employed	Percent in School	Percent Reporting Other	Number Salaries	Average Yearly Salaries
			Full Time	Full Time	Mich	Other	Unknown							
Social Sciences														
45.0101	Social Science	4	3	75%	66%	33%	0%	0%	25%	0%	1	\$30,000		
45.1001	Political Science and Government	1	0	0%	0%	0%	0%	0%	100%	0%	0	\$0		
Totals		5	3	60%	66%	33%	0%	0%	40%	0%	1	\$30,000		
Grand Totals		246	152	61%	83%	16%	0%	16%	20%	0%	103	\$27,618		

TEACHER CERTIFICATE GRADUATES

TABLE 11
**Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan
 Colleges and Universities by Curriculum Areas for Teachers**

CIP No.	Curriculum Area	Number Responding	Percent Full Time	Employment Location	Percent			Percent Un- employed	Percent in Working School	Percent Part in Educ	Number in Yearly Salaries	Average Salaries	
					Employed	Employed	Percent Michigan						
					Full	Full	Other						
Agribus/AgriSci/RenewNatRes													
1.5999 Packaging		3	0	0%	0%	0%	0%	33%	0%	0%	0%	2	\$27,000
Totals		3	0	0%	0%	0%	0%	33%	0%	0%	0%	2	\$27,000
Communications/Comm Technology													
9.0101 Communications		2	0	0%	0%	0%	0%	0%	0%	0%	0%	1	\$27,000
Totals		2	0	0%	0%	0%	0%	0%	0%	0%	0%	1	\$27,000
Computer Science													
11.0101 Computer and Information Science		4	2	50%	0%	100%	0%	25%	0%	0%	25%	0	\$0
Totals		4	2	50%	0%	100%	0%	25%	0%	0%	25%	0	\$0
Education													
13.0101 Education, General		1	1	100%	100%	0%	0%	0%	0%	0%	0%	0	\$0
13.0401 Education Administration		1	1	100%	100%	0%	0%	0%	100%	0%	0%	0	\$0
13.1001 Special Education, General		62	42	67%	92%	4%	2%	6%	12%	31%	4%	46	\$23,031
13.1005 Educ. of Emotionally Handicapped		26	23	88%	91%	8%	0%	11%	0%	100%	0%	10	\$22,332
13.1006 Education of Mentally Handicapped		25	18	72%	83%	16%	0%	20%	0%	90%	8%	2	\$23,592
13.1101 Student Counseling & Personnel Serv.		1	1	100%	100%	0%	0%	0%	100%	100%	0%	0	\$0
13.1202 Elementary Education		468	223	47%	86%	13%	0%	10%	13%	68%	29%	356	\$21,960
13.1204 Pre-Elementary Education		8	6	75%	83%	16%	0%	0%	12%	100%	0%	0	\$0
13.1205 Secondary Education		5	4	80%	100%	0%	0%	0%	60%	80%	20%	3	\$20,004
13.1301 Agricultural Education		1	0	0%	0%	0%	0%	0%	0%	0%	0%	0	\$0
13.1302 Art Education		3	1	33%	100%	0%	0%	33%	66%	100%	33%	1	\$24,300
13.1303 Business Education		43	23	53%	95%	4%	0%	9%	9%	57%	34%	8	\$21,026
13.1305 English Education		1	0	0%	0%	0%	0%	0%	100%	0%	100%	0	\$0
13.1307 Health Education		19	14	73%	92%	7%	0%	5%	0%	58%	15%	4	\$21,120
13.1308 Home Economics Education		3	0	0%	0%	0%	0%	0%	0%	0%	33%	2	\$21,996
13.1309 Industrial Arts Education		12	8	66%	100%	0%	0%	25%	0%	77%	8%	5	\$21,259
13.1310 Marketing & Distributive Education		1	1	100%	100%	0%	0%	0%	100%	100%	0%	1	\$20,004
13.1311 Mathematics Education		8	4	50%	100%	0%	0%	12%	62%	85%	37%	0	\$0
13.1312 Music Education		28	12	42%	66%	25%	8%	25%	14%	100%	0%	5	\$23,686
13.1314 Physical Education		45	22	48%	72%	22%	4%	6%	8%	47%	35%	11	\$21,315
13.1316 Science Education		15	5	33%	80%	20%	0%	6%	33%	100%	60%	1	\$18,504
13.1317 Social Science Education		11	5	45%	100%	0%	0%	36%	9%	50%	9%	4	\$23,502
13.1319 Technical Education		22	17	77%	94%	5%	0%	9%	9%	68%	9%	0	\$0
13.1399 Teacher Education/Specific Subject		4	3	75%	100%	0%	0%	25%	0%	100%	0%	1	\$27,000
Totals		813	434	53%	87%	11%	0%	10%	13%	68%	24%	460	\$22,059

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Teachers

CIP No.	Curriculum Area	Number Responding	Percent Employed Full Time	Percent Employed Full Time	Employment Location			Percent Unemployed	Percent in Working School	Percent Part in Educ	Percent Reporting	Number	Average Salaries
					Michigan	Other	Unknown						
Foreign Language													
16.0501	German	1	0	0%	0%	0%	0%	0%	0%	0%	0%	0%	\$21,756
16.0901	French	4	2	50%	100%	0%	0%	0%	0%	66%	25%	2	\$22,632
16.0905	Spanish	14	7	50%	57%	42%	0%	7%	7%	66%	14%	5	\$24,826
Totals		19	9	47%	66%	33%	0%	5%	5%	75%	15%	8	\$23,894
Health Science													
18.0199	Audiology/Speech Pathology (Other)	3	0	0%	0%	0%	0%	0%	100%	0%	0%	0	\$0
Totals		3	0	0%	0%	0%	0%	0%	100%	0%	0%	0	\$0
Home Economics/Vocational													
19.0101	Home Economics, General	4	2	50%	50%	50%	0%	0%	0%	50%	50%	1	\$26,004
20.0102	Child Development, Care & Guidance	17	8	47%	100%	0%	0%	23%	0%	62%	0%	7	\$21,312
Totals		21	10	47%	90%	10%	0%	19%	0%	58%	9%	8	\$21,898
Letters													
23.0101	English, General	88	48	54%	83%	16%	0%	4%	11%	57%	20%	28	\$21,810
23.1001	Speech, Debate, Forensics	5	4	80%	100%	0%	0%	0%	0%	80%	20%	3	\$20,832
23.9999	Letters, Other	8	3	37%	100%	0%	0%	0%	12%	0%	50%	3	\$24,516
Totals		101	55	54%	85%	14%	0%	3%	10%	53%	22%	34	\$21,962
Life Sciences													
26.0101	Biology, General	40	28	70%	82%	14%	3%	7%	2%	38%	15%	10	\$22,546
26.0701	Zoology	1	0	0%	0%	0%	0%	100%	0%	0%	0%	0	\$0
Totals		41	28	68%	82%	14%	3%	9%	2%	38%	14%	10	\$22,546
Mathematics													
27.0101	Mathematics	61	37	60%	81%	16%	2%	16%	1%	60%	9%	22	\$22,109
Totals		61	37	60%	81%	16%	2%	16%	1%	60%	9%	22	\$22,109
Interdisciplinary Studies													
30.0101	Biological and Physical Sciences	10	5	50%	100%	0%	0%	0%	0%	0%	50%	3	\$22,356
30.0401	Humanities and Social Science	37	19	51%	94%	5%	0%	10%	0%	0%	37%	16	\$22,812
Totals		47	24	51%	95%	4%	0%	8%	0%	0%	40%	19	\$22,740

Placement Results for 1990-91 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas for Teachers

CIP No.	Curriculum Area	Number Responding	Percent Full Time	Number Employed		Percent Employed		Employment Location		Percent Un- employed	Percent in Working School	Percent Part in Educ	Number Reporting	Average Yearly Salaries
				Employed	Employed	Michigan	Other	Unknown						
				Number	Full Time	Michigan	Other	Unknown						
Physical Sciences														
40.0101	Physical Science, General	2	2	100%	50%	50%	0%	0%	0%	100%	0%	2	\$21,900	
40.0501	Chemistry, General	9	7	77%	85%	14%	0%	11%	0%	42%	0%	1	\$23,796	
40.0703	Earth Science	10	8	80%	87%	12%	0%	10%	0%	77%	10%	5	\$23,124	
40.0801	Physics, General	2	2	100%	100%	0%	0%	0%	0%	0%	0%	0	\$0	
40.9999	Physical Sciences, Other	4	0	0%	0%	0%	0%	75%	0%	0%	0%	1	\$23,016	
Totals		27	19	70%	84%	15%	0%	18%	0%	65%	3%	9	\$22,915	
Psychology														
42.0101	Psychology, General	6	3	50%	66%	33%	0%	0%	16%	20%	33%	1	\$26,004	
Totals		6	3	50%	66%	33%	0%	0%	16%	20%	33%	1	\$26,004	
Social Sciences														
45.0701	Geography	1	1	100%	0%	100%	0%	0%	0%	0%	0%	0	\$0	
45.0801	History	56	13	23%	92%	7%	0%	12%	3%	39%	44%	6	\$19,256	
45.1001	Political Science and Government	3	0	0%	0%	0%	0%	33%	0%	0%	66%	0	\$0	
Totals		60	14	23%	85%	14%	0%	13%	3%	36%	45%	6	\$19,256	
Visual and Performing Arts														
50.0501	Dramatic Arts	2	0	0%	0%	0%	0%	50%	0%	100%	50%	0	\$0	
50.0701	Fine Arts, General	13	5	38%	80%	20%	0%	0%	7%	54%	46%	3	\$18,212	
50.0799	Fine Arts, Other	1	0	0%	0%	0%	0%	0%	0%	0%	100%	0	\$0	
50.0901	Music, General	3	2	66%	100%	0%	0%	0%	0%	66%	33%	0	\$0	
50.0902	Music History and Appreciation	2	1	50%	0%	100%	0%	50%	0%	100%	0%	0	\$0	
Totals		21	8	38%	75%	25%	0%	9%	4%	58%	42%	3	\$18,212	
Grand Totals		1232	643	52%	86%	12%	0%	10%	10%	60%	24%	583	\$22,106	

The Collegiate Employment Research Institute was established by Michigan's Legislature in 1984. The Institute is charged with the task of examining issues on career development and employment for college graduates. Various projects are underway, including the study covered in this report, to provide information to educators and counselors for program development. If you have any questions on this study or any Institute project, please contact the Institute directly.

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